

YOUNG PROFESSIONALS

"Dedicated to Excellence, Committed to the Future"



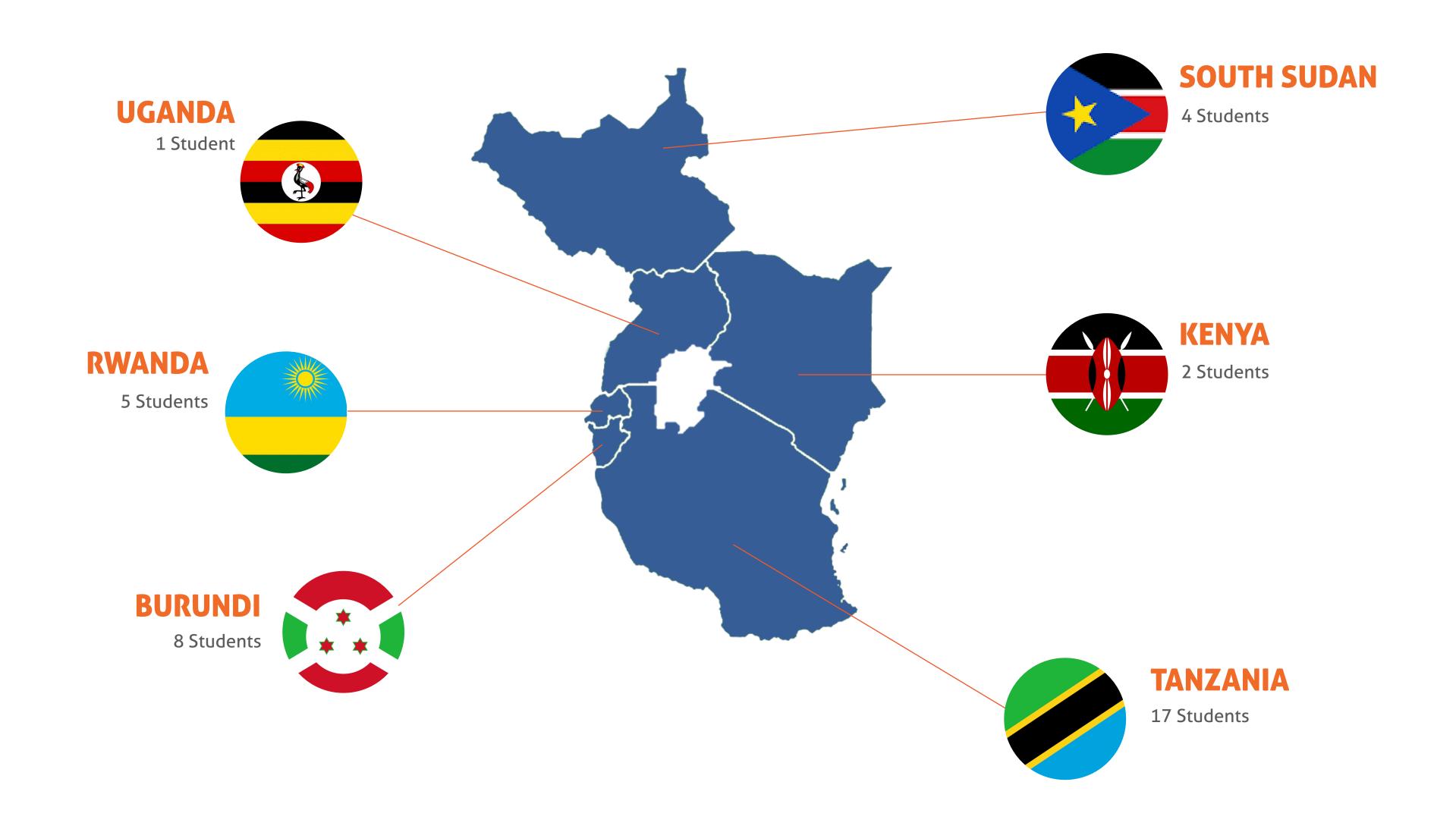
BACKGROUND

CENIT@EA is a regional innovation hubthatwasinitiatedbytheGerman Federal Ministry for Economic Cooperation and Development and the East African Community (EAC) and launched in 2019 to support East African Universities in providing technical skills that meet the needs of the private sector, public civil and society sector stakeholders in the region's digital transformation. The Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) implements the project in cooperation with the Inter-University Council of East (IUCEA), the German Africa Academic Exchange Service (DAAD) and an academic consortium consisting of Nelson Mandela African Institution for Science and Technology (NM-AIST), the furthermore University of Oldenburg and other and German African East universities and institutions.

To cater towards the concrete needs of the digital transformation in East Africa, CENIT@EA established a market-driven Master in Embedded and Mobile Systems and offers short technical trainings area of professionals in the Information and Communication Technologies (ICT), unemployed graduates and university lecturers to provide them with the relevant digital skills. To assure this demand value and creating driven approach, CENIT@EA works very closely with the private sector through events such as ICT4Business and cooperation mechanisms such the as Memorandum of Understanding with IBM. The regional network and dialogue between academia, public and private sector is facilitated collaborative development of the digital transformation.







MAJOR AREAS OF INTEREST











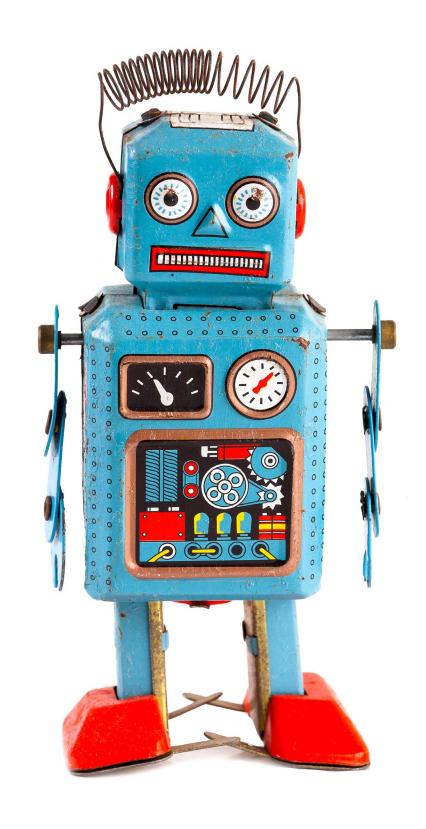








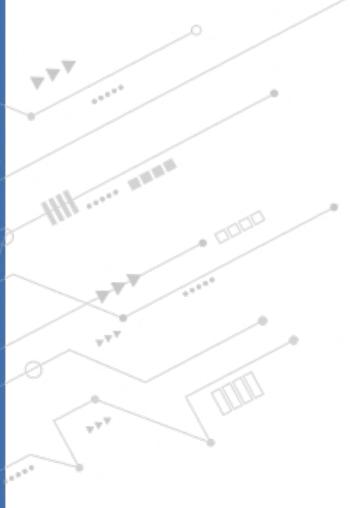




CENIT@EA is a regional innovation hub that offers a competitive Master in "Embedded and Mobile Systems" (EMoS) that follows a market-driven approach and includes practical elements, such as an internship, an applied Master thesis, Summer Schools and Guest Lecturers from the private sector, as well as Entrepreneurial and Soft Skills training.

This Digital Yearbook showcases the skills profiles of the Young Professionals of the 2nd cohort of the Master in Embedded and Mobile Systems. These Young Professionals have an excellent academic record and on average over three years of relevant work experience. They are motivated to develop digital solutions for the challenges the East African private and public sector are facing. Do not hesitate to directly contact the Young Professional if your company or organization is interested in offering an internship opportunity.







ABEL NSHIMIYE



Burundi



English, French, Swahili, Kirundi

MSc EMoS track: Mobile Systems



BSc Computer Engineering and Telecommunication, INITELEMATIQUE, Burundi



ACHIEVEMENTS AND CERTIFICATES

Design your website with PHP and MySQL, OpenClassroom.com, 2016

Administration of databases with MySQL, OpenClassroom.com, 2016

Use of HTML5 and CSS3 for website creation, OpenClassroom.com, 2016

Use of Python libraries for Data Science, OpenClassroom.com, 2020



PROFESSIONAL SKILLS

Python Programming

Java Programming

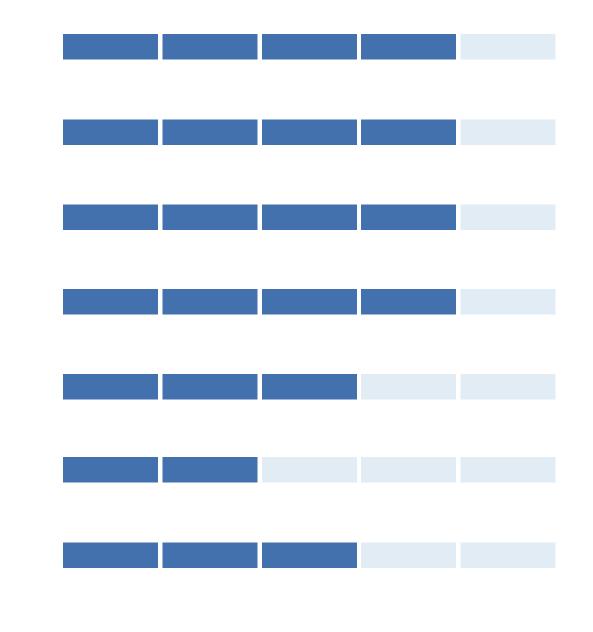
SQL

Webmaster

Machine Learning

Artificial Intelligence

IoT Developer





WORK EXPERIENCE

Jan 2015 - Dec 2019

Manager, Association des Jeunes Techniciens pour le développement (AJTD), Burundi

Sep 2016 - Nov 2019

High School Teacher of Computer Science, ITELETIQUE, Burundi



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+255 659 714 830

MAJOR AREAS OF INTEREST IN ICT

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ICT for Health

ICT for Transport

ICT for Telecommunication

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@DominicMajak

MAJOR AREAS OF INTEREST IN ICT



Control Systems



Solar Energy Tracking



Smart Home Automation





ADOL DOMINIC MAJAK



South Sudan



Juba Arabic, English

MSc EMoS track: Embedded Systems



BSc Electrical and Electronics Engineering, Manipal International University, Malaysia



ACHIEVEMENTS AND CERTIFICATES

President of Electrical, Electronics and Communications Society, Malaysia, 2016 - 2017

Certificate of Participation, Science & Technology Tour, Manipal International University, 2014

Current project: Smart Library Direction System



PROFESSIONAL SKILLS

Circuit Design, Instrumentation & Electrical Measurements

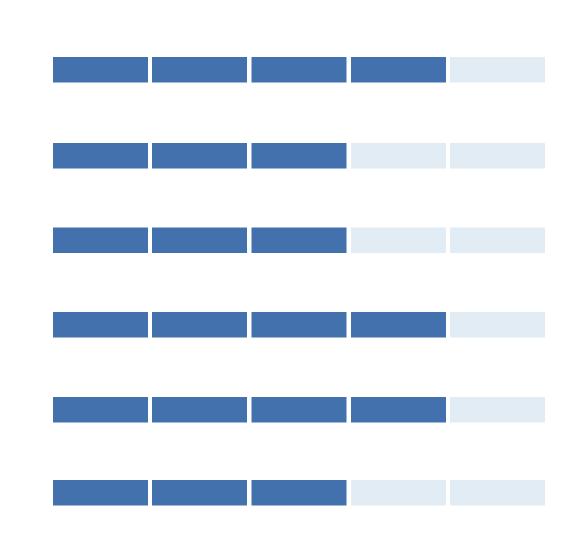
PCB Design and Analysis, MatLab, LabView, Circuit Soldering

C&C++ Programming

Database (MySQL and SQL), NI Multisim, AutoCad

IT Project Management

Sensors and Actuators





WORK EXPERIENCE

May 2019 – Jan 2020 Teaching Assistant, University of Juba, South Sudan

June 2018 – Jan 2020 Assistant Director for Electrical & Electronics, University of Juba, South Sudan

July 2016 – June 2018 Graduate Engineer, SCIENSCOPE SDN BHD, Malaysia



in East Africa





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@aina_alfred

MAJOR AREAS OF INTEREST IN ICT



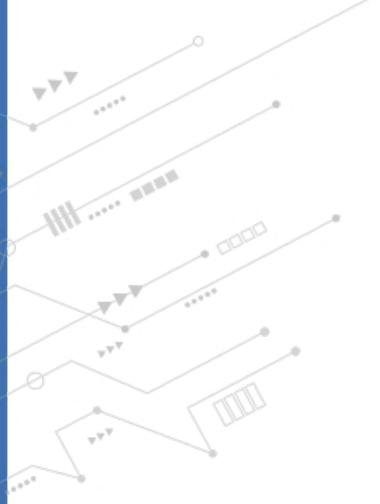
ICT for Industrial Automation



ICT for Water Management



ICT for Renewable Energy





Scan My VideoStory

AINA KIPENDAROHO



Tanzania



Swahili, English

MSc EMoS track: Mobile Systems



BSc in Geo-Informatics, Ardhi University, Tanzania



ACHIEVEMENTS AND CERTIFICATES

Winner, Inclusion for all Competition (Hakuna chetu bila sisi), Tanzania, 2020

Certificate of Participation, Entrepreneurship and Financial Inclusion, DOT Tanzania, 2019



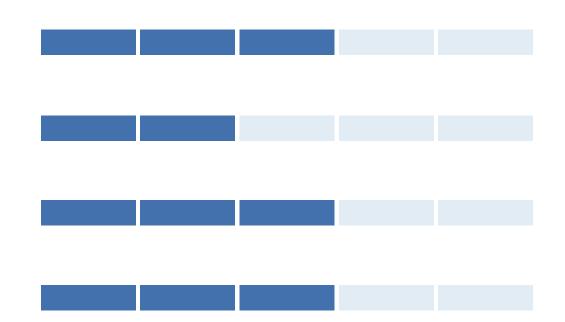
PROFESSIONAL SKILLS

Python Programming

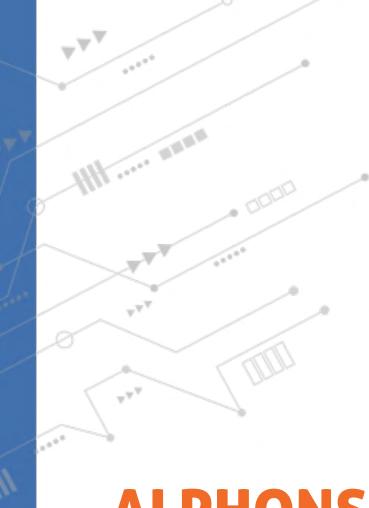
Java Programming

SQL

C++ Programming









ALPHONSINA BONAVENTURA SHIYO



Tanzania



Swahili, English

MSc EMoS track: Embedded Systems



BSc Computer Science, Tumaini University, Tanzania



ACHIEVEMENTS AND CERTIFICATES

Certificate of completion, IT Boot Camp, University of Dar es Salaam, Tanzania, 2018



PROFESSIONAL SKILLS

Python Programming

Java Programming

SQL

Php language

C programming

C++ programming



WORK EXPERIENCE

Networking

Dec 2018 – Dec 2019 Administration Assistant, RatPanat Tour company, Tanzania

Oct 2017 – Feb 2018 Internship, Telecommunications Company Ltd, Tanzania





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MAJOR AREAS OF INTEREST IN ICT



ICT for Automation

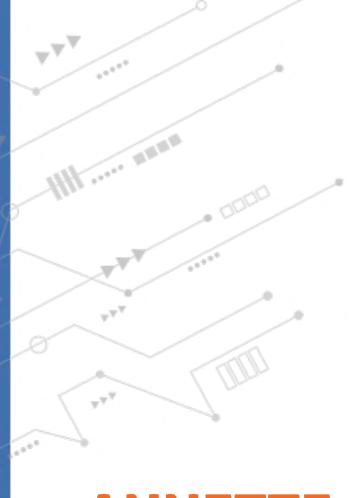


ICT for Security



Ethical Hacking







ANNETTE GODFREY MANDARI



Tanzania



Swahili, English

MSc EMoS track: Embedded Systems



BSc Electronics and Communication Engineering, St. Joseph University, Tanzania Diploma in Electronics and Communication Engineering, St. Joseph University, Tanzania.



ACHIEVEMENTS AND CERTIFICATES

Certificate of Participation, Second Exhibition at Tech fest, Tanzania, 2017

Certificate of Participation, IYF Badilisha Fikra Camp and Forum, Tanzania, 2012



PROFESSIONAL SKILLS

Sensors and Actuators

Total Quality Management

IT Project Management

Drive test tools



WORK EXPERIENCE

Network Optimization

March 2019 – Jan 2020 NOC Engineer, Vodacom, Tanzania

Sep 2017 – March 2019 Intern Drive Test Engineer, Maktech Telecommunication Company Limited, Tanzania

CENIT@EA
Centre of Excellence for ICT
in East Africa

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MAJOR AREAS OF INTEREST IN ICT

Optimization of networks

Automation systems

@lyimonette

ICT for Health

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@mseke6

MAJOR AREAS OF INTEREST IN ICT



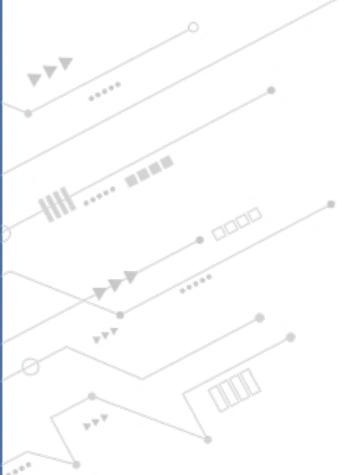
ICT for Education



ICT for Agriculture



ICT for Health





ANGELA MSEKE



Tanzania



Swahili, English

MSc EMoS track: Mobile Systems



BSc Information Technology, St. Joseph University, India



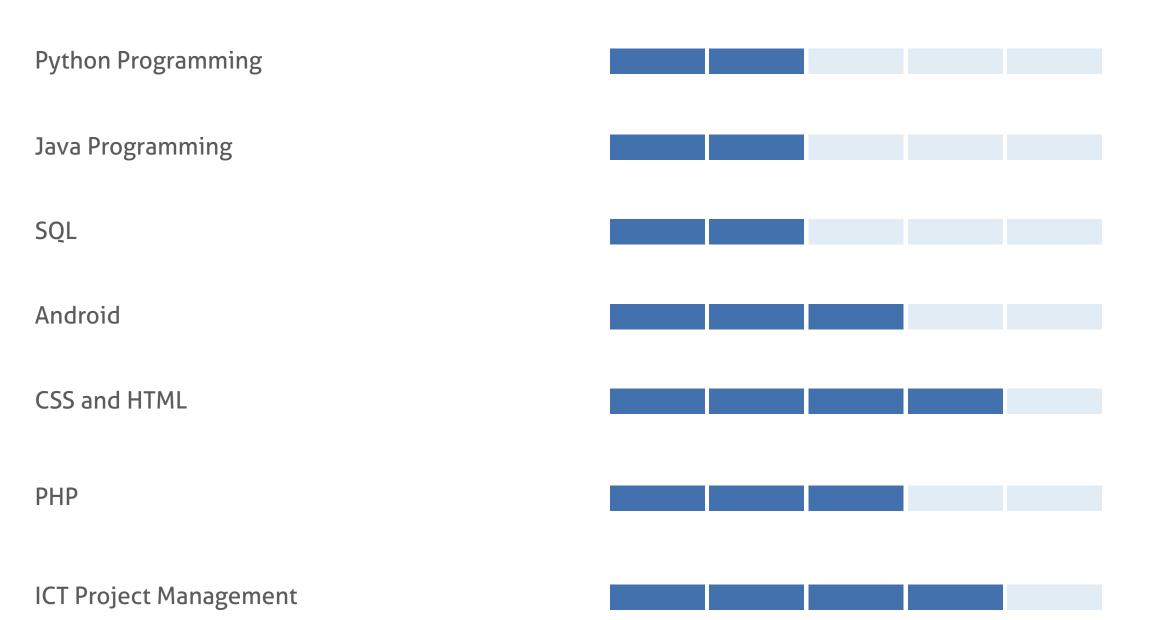
ACHIEVEMENTS AND CERTIFICATES

Certificate of Completion, Multimedia and Web Design Technology, Centre for Development of Advanced Computing, 2016, Tanzania

Project Management for ICT, CENIT@EA, Tanzania, 2020



PROFESSIONAL SKILLS



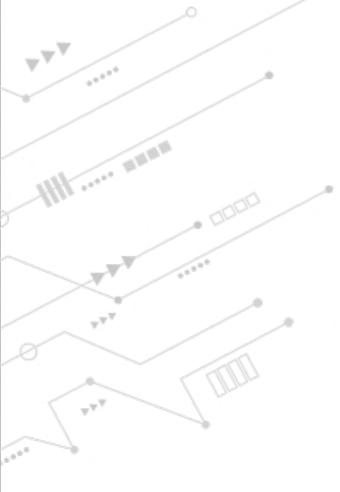


WORK EXPERIENCE

April 2010 – Jan 2019

ICT Officer, Immigration Service Department, Tanzania







ANGELO BIDAL



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MAJOR AREAS OF INTEREST IN ICT

ICT for Wildlife Tracking

ICT for Gunshot Detection

ICT in Construction

@angelobidal

South Sudan



Arabic, English

MSc EMoS track: Embedded Systems



BSc Business Information Technology, Limkokwing University of Creative Technology, Malaysia MA in Peace and Development Studies, University of Juba, South Sudan



ACHIEVEMENTS AND CERTIFICATES

Certificate of Participation, IT Project Management, CENIT@EA, Tanzania, 2020

Certificate of Appreciation, Exemplary Leadership and Service, USAID

Certificate of Appreciation from AECOM for hard work

Diploma in Information Communication Technology Systems & Telecommunication Engineering, Graffins College Nairobi, Kenya, 2010

Advanced Diploma in Information Communication Technology Systems, Graffins College Nairobi, Kenya, 2010



PROFESSIONAL SKILLS

IT Project			
GIS			
Server			
Networking			
Computer Hardware			

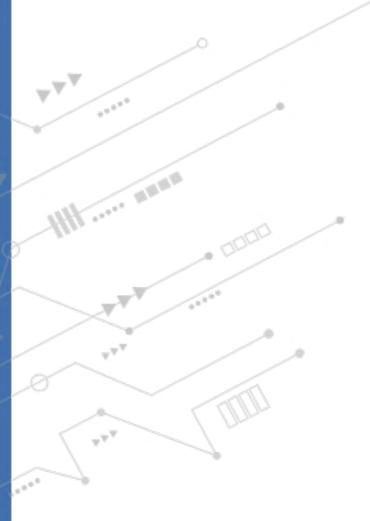


WORK EXPERIENCE

May 2019 – Dec 2019	Executive Director, Bethesda Humanitarian Initiative, South Sudan
June 2017 – April 2019	Senior Roving IT Specialist, VISTAS/AECOM International Development, South Sudan
April 2012 – May 2017	IT Technician & Trainer, AECOM International Development,

South Sudan







ARMEL BIZOZA



Burundi



French, English, Swahili, Kirundi

MSc EMoS track: Mobile Systems



BSc Computer Science, Light University of Bujumbura, Burundi



ACHIEVEMENTS AND CERTIFICATES

Business plan writing training, Embassy of the United States of America in Bujumbura, Burundi, October 2018

Certificate of Accomplishment, Cognitive Class.ai: Build your own chatbot, IBM Initiative, 2018

Certificate of Participation, "Understanding Climate Change", Young African Leaders Initiative Network, 2015



PROFESSIONAL SKILLS

Python Programming	
Java Programming	
SQL	
Linux Information System	
PHP/CSS Programming	
MySQL RDBMS	



WORK EXPERIENCE

April 2012 – Nov 2013

WordPress CM

Nov 2013 – Jan 2020	IT Technical Support Officer, Banque de Gestion et de
	Financement S.A., Burundi

10A 5011 – DEC 5019	Part-time web administration trainer, Across burundi,
	Burundi

IT Technical Support Officer and Trainer, Contec Global Burundi, Burundi

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MAJOR AREAS OF INTEREST IN ICT

ICT in Security

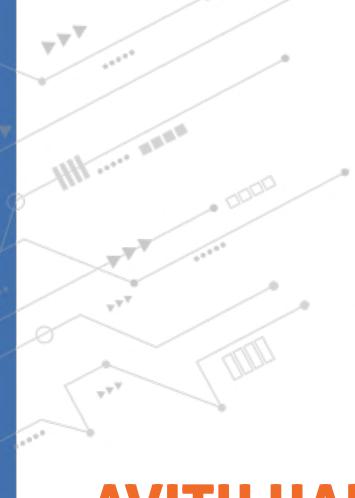
ICT for Transport

ICT for Industrial Automation

@ArmelBiz

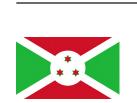
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AVITH HABONIMANA



Burundi



French, English, Kirundi

MSc EMoS track: Embedded Systems



Electrical Engineering, Ecole Normale Supérieure du Burundi, Burundi



ACHIEVEMENTS AND CERTIFICATES

Youth Entrepreneurship Award, Ministry of Youth, Sport and Culture, Burundi, 2015



PROFESSIONAL SKILLS

Python Programming

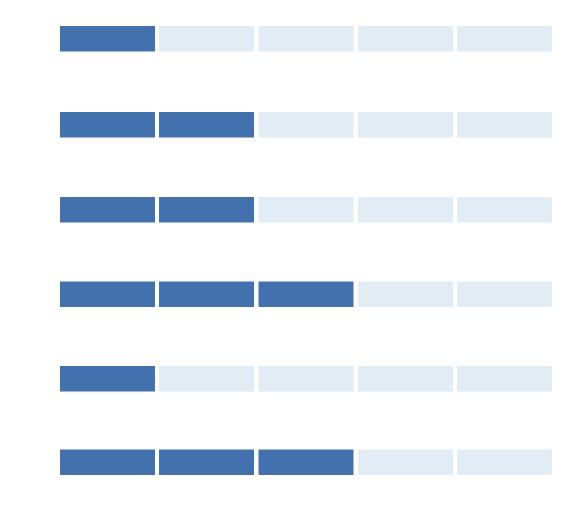
Java Programming

SQL

C Programming

C++ Programming

Fritzing





WORK EXPERIENCE

Aug 2015 - Sep 2015

Sep 2017 - Jan 2020 Teacher, Communal High School of Mubanga and Star of Kamenge Technical School, Burundi

Sep 2016 - Dec 2016

Intern, Brasseries et Limonaderies du Burundi (Brarudi S.A), Burundi

Trainee in Electronics, Regie of Production and Distribution of Water and Electricity, Burundi



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MAJOR AREAS OF INTEREST IN ICT

ICT for Education

ICT for Security

ICT in Renewable Energy

ICT for Industrial Automation

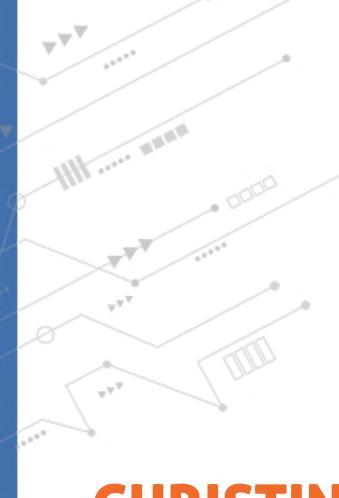
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CHRISTINA MARIKI



Tanzania



English, Swahili

MSc EMoS track: Embedded Systems



BSc in Computer Science with Statistics, University of Dar Es Salaam, Tanzania



ACHIEVEMENTS AND CERTIFICATES

Certificate Award, Good Clinical Practice, The Global Health Network, 2018



PROFESSIONAL SKILLS

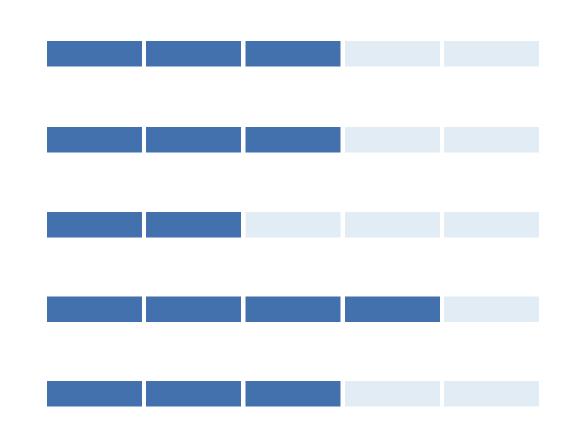
Python Programming

Java Programming

SQL

Machine Learning

Mobile Application Development





WORK EXPERIENCE

Jan 2017- April 2017

May 2017 – Nov 2019 Data Manager, Joint Malaria Program-KCMC, Tanzania

Research ICT Officer, Toto Health, Tanzania



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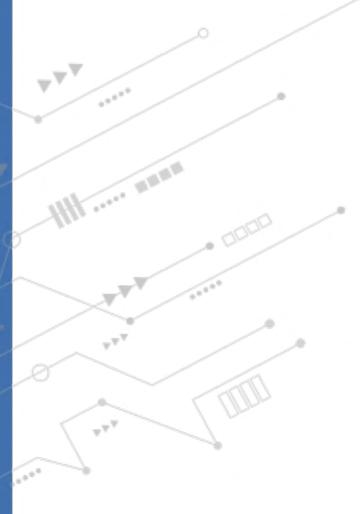
MAJOR AREAS OF INTEREST IN ICT

ICT for Maternal Health

ICT for Transport

@CWilfredm







INNOCENT CIZA



Burundi



English, French, Kirundi, Swahili

MSc EMoS track: Embedded Systems



BSc Computer Engineering, University of Burundi, Burundi



ACHIEVEMENTS AND CERTIFICATES

Google Training Seminar, Online Business Opportunities for self-employed, Isoko Company, Burundi, 2018

Workshop on ICT solutions to Innovate Teaching and Learning Systems, University of Burundi, 2019

Workshop on Multimedia Technologies during IFES-Burundi National Conference, Burundi, 2017

Current Project: Smart Electronic Billboard for Advertising products using AI and IoT System



PROFESSIONAL SKILLS

Web-Based Application Development

PHP and MySQL

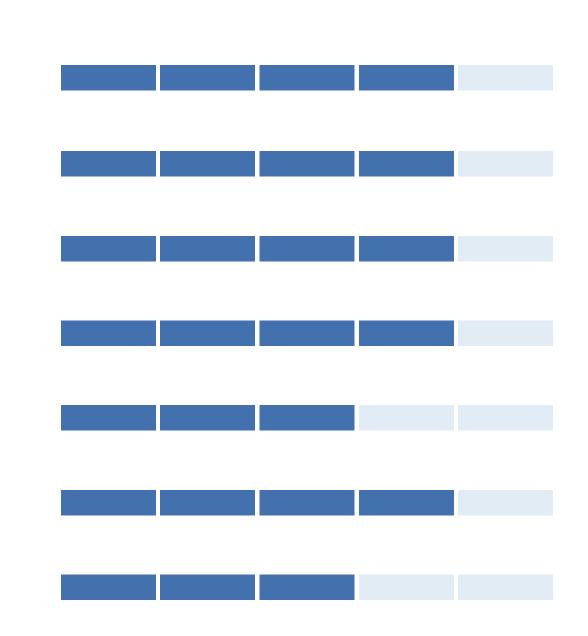
HTML, CSS, JavaScript, Ajax, jQuery

Relational Database Administration using MySQL

Microsoft Windows Application development

Computer Software Maintenance

Multimedia Skills





WORK EXPERIENCE

Jan 2019 – Dec 2019

Since July 2019 Co-founder, Arita the Software Development Company,

Burundi

Software Developer, Mediabox Burundi, Burundi Jan 2019 – Dec 2019

Computer Maintenance, Giteranyi Student Association,

Burundi



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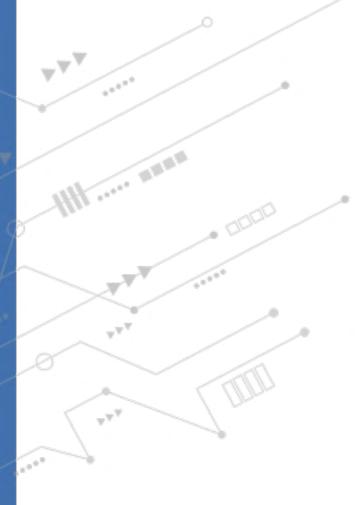
@cibokabafu

MAJOR AREAS OF INTEREST IN ICT

ICT for Business

ICT for Health

ICT for Education





DANIEL WILSON RWECHUNGURA



CENIT@EA

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@danywilson2010

MAJOR AREAS OF INTEREST IN ICT

Artificial Intelligence

Machine Learning

3D printing

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Tanzania



English, Swahili

MSc EMoS track: Embedded Systems



BEng in Electronics and Communication Engineering, St. Joseph University, Tanzania



ACHIEVEMENTS AND CERTIFICATES

Top 3 best students in 2014 at St. Joseph University

Solar plan design, installation and maintenance training, 2019

Teaching skills development at Arusha Technical College by Parkland College (Canada), 2018



PROFESSIONAL SKILLS

Electronics Circuit Designing

Python programming

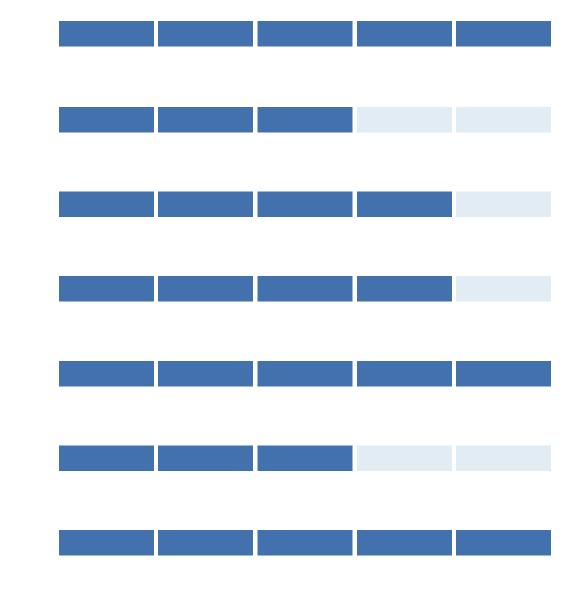
SQL

C programming

PCB designing

3D Printing

Electrical installation





WORK EXPERIENCE

Sep 2019 – Oct 2019

March 2013 – May 2013

Since 2017 Instructor and Department Project Coordinator, Arusha Technical College, Tanzania

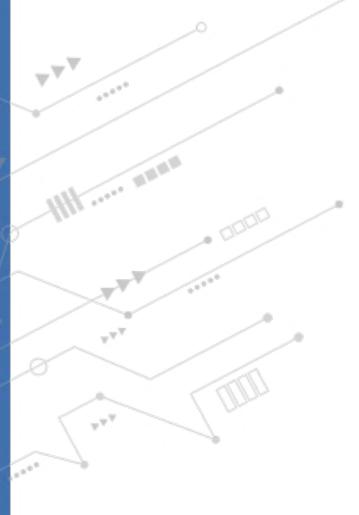
International Project Coordinator, USA, Cornell University

and Tanzania collaboration

Trainee Engineer, TTCL, Tanzania









ELIBARIKI SUMARI



CENTE

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MAJOR AREAS OF INTEREST IN ICT

Artificial Intelligence

ICT for Security

ICT for Health

@ellysumy

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Tanzania



English, Swahili

MSc EMoS track: Embedded Systems



BSc Computer Science, Dublin Institute of Technology, Ireland



ACHIEVEMENTS AND CERTIFICATES

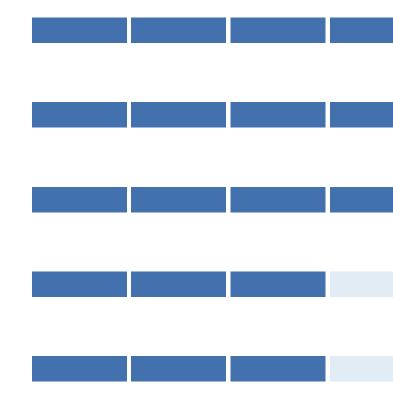
Certificate in Leadership and Team Work, MSTCDC Arusha, Tanzania, 2017

Development of a Security Camera tracking system, Tanzania, 2014



PROFESSIONAL SKILLS

Python programming Java programming SQL PHP C/C++ Programming C# Progamming





WORK EXPERIENCE

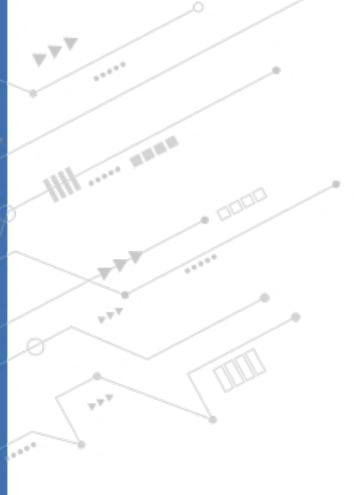
Feb 2020 – July 2020

Ruby on Rail

Since 2014 Data manager and Programmer, MSTCDC-Arusha, Tanzania

> NOC and Software Development team, Habari Node PLC, Tanzania







EMMANUEL KIPCHUMBA RONOH



Kenya



English, Swahili

MSc EMoS track: Embedded Systems



BSc Information Technology, Dedan Kimathi University of Science and Technology, Kenya



ACHIEVEMENTS AND CERTIFICATES

Development of an inventory management and tracking system for Ken knit textile company, Kenya



PROFESSIONAL SKILLS

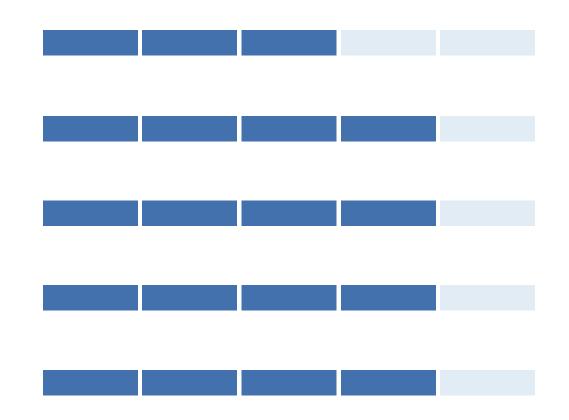
Python programming

Java programming

SQL

PHP

C++ Programming





WORK EXPERIENCE

Jan 2016 – Dec 2019 ICT Officer, Ken knit textile company, Kenya

Jan 2015 – April 2015 ICT intern, KVDA company, Kenya



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MAJOR AREAS OF INTEREST IN ICT



ICT for Anti-poaching



Drones for Agriculture



ICT for Traffic Management







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@florian_mwijage

MAJOR AREAS OF INTEREST IN ICT



Industrial power consumption



Autonomous systems in industry



Smart Home Automation





Scan My VideoStory

FLORIAN MWIJAGE RWEGOSHORA



Tanzania



English, Swahili

MSc EMoS track: Embedded Systems



BSc Electrical Engineering and Electronics, St. Joseph University, Tanzania



ACHIEVEMENTS AND CERTIFICATES

Development of an automatic dish positioning system, St. Joseph University of Engineering and Technology, 2017

IT Project Management Certificate, CENIT@EA, Tanzania, 2020



PROFESSIONAL SKILLS

Python programming

Java programming

SQL

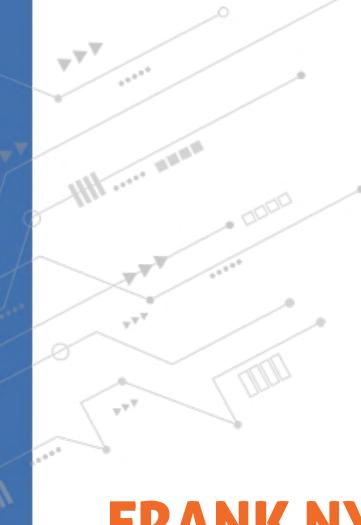
HTML and CSS

C/C++ Programming

Sensors









FRANK NYANGE



Tanzania



English, Swahili

MSc EMoS track: Mobile Systems



BSc Electrical Engineering and Electronics, St. Joseph University, Tanzania



ACHIEVEMENTS AND CERTIFICATES

Soft skills training, NM-AIST, Tanzania, 2020

First place, Exhibition in CosTech, Tanzania, 2013

Current project: Development of a speech-controlled wheelchair for home and hospital navigation systems



PROFESSIONAL SKILLS

Python programming

Java programming

SQL

Raspberry Pi

Mobile Applications

C++ Programming

Internet of Things





WORK EXPERIENCE

March 2014 – Dec 2017

Jan 2019 – Dec 2019 Network Engineer, Northern Engineering, Tanzania

Jan 2018 – Nov 2018 Network Engineer, PivoTech, Tanzania

Network Engineer, TTCL, Tanzania



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MAJOR AREAS OF INTEREST IN ICT

ICT in Agriculture

ICT in Health

ICT in Education

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@gminja

MAJOR AREAS OF INTEREST IN ICT



ICT for Energy efficiency



Wireless Sensor Networks



Embedded Systems for Health





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GILBERT MINJA



Tanzania



English, Swahili

MSc EMoS track: Embedded Systems



BSc in Telecommunications Engineering, University of Dar es Salaam, Tanzania



ACHIEVEMENTS AND CERTIFICATES

Among the Top 5, Hack4Covid_19, Tanzania, 2020

Project Management for ICT, CENIT@EA, Tanzania, 2020

Current project: Development of a portable and cost-effective Oxygen concentrator



PROFESSIONAL SKILLS

Telecom Networks

Network Planning

Python Programming

R Programming





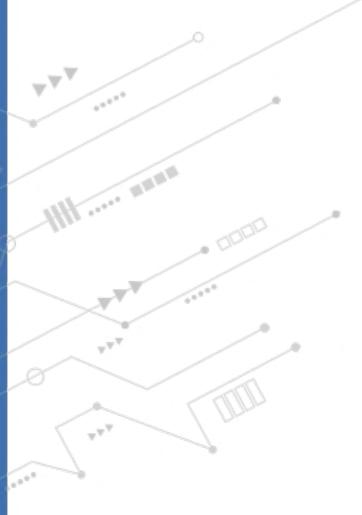
WORK EXPERIENCE

June 2016 – Sep 2019 Project Leader, Hexatech Company LTD, Tanzania

May 2013 – May 2016 Regional Transmission Engineer, Northern Engineering Works LTD, Tanzania

April 2011 – April 2013 First Line Maintenance Engineer, Nokia, Tanzania







HAMISI MSIMBE



Tanzania



English, Swahili

MSc EMoS track: Embedded Systems



BSc Electronics and Telecommunication Engineering, Dar es Salaam Institute of Technology, Tanzania



ACHIEVEMENTS AND CERTIFICATES

Developed a Fingerprint based Exam Hall authentication System for Dar es Salaam Institute of Technology



PROFESSIONAL SKILLS

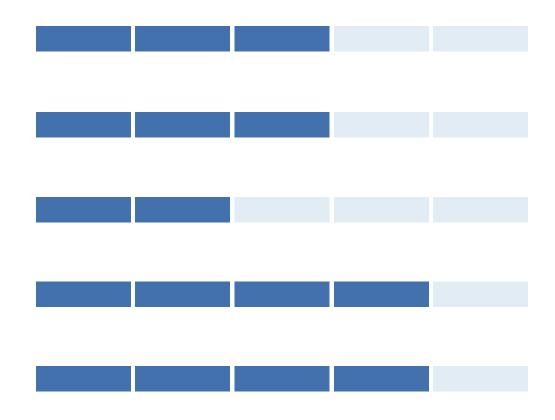
Python Programming

Java Programming

SQL

C/C++ programming

HTML and CSS





WORK EXPERIENCE

July 2013 – June 2015

Since 2016 Broadcasting Engineer, Tanzania Broadcasting Corporation,

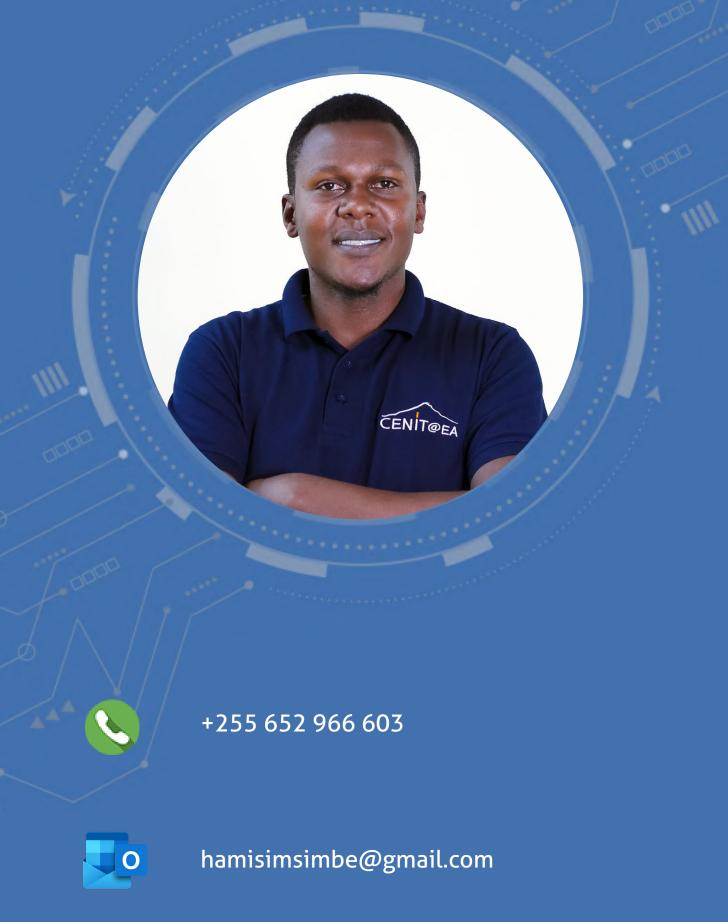
Tanzania

Electronic Engineer, Tanzania Electrical Mechanical and July 2015 – June 2016

Electronics Service Agency, Tanzania

Transmission Technician, Tanzania Telecommunications

Company Ltd, Tanzania



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MAJOR AREAS OF INTEREST IN ICT

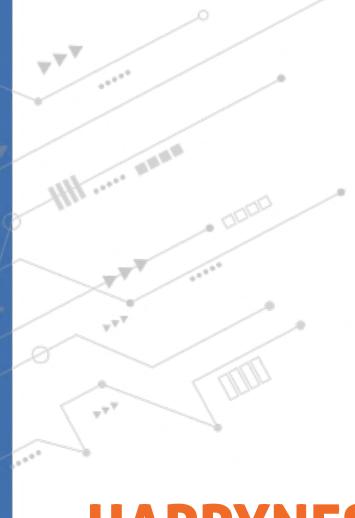
Industrial automation

ICT for Security

@_msimbe









HAPPYNESS CHIKUSI



Tanzania



English, Swahili

MSc EMoS track: Mobile Systems



BSc Computer Science, Institute of Accountancy Arusha, Tanzania



ACHIEVEMENTS AND CERTIFICATES

Certificate of Participation, Soft Skills Training, CENIT@EA, 2020

Certificate of Participation, IT Project Management, CENIT@EA, 2020

Certificate of Participation, Child Ministry Foundation course, Compassion International Tanzania, 2014



PROFESSIONAL SKILLS

Java Programming	
PHP	
SQL	
Android	
System Analysis	





WORK EXPERIENCE

Dec 2008 – Nov 2010

IT Project Management

July 2014 – Jan 2015	Project Director, Anglican Nabii Ester Nolini Student Center, Tanzania
Aug 2013 – Feb 2014	IT Help Desk and Assistance Accountancy, Anglican Nabii Ester Nolini Student Center, Tanzania

Project Accountant, Anglican Nabii Ester Nolini Student

Center, Tanzania



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@HappynessChiku1

MAJOR AREAS OF INTEREST IN ICT

E-Business

ICT in Education

ICT for Health

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chikusi.chikusi@gmail.com





MARIE CHANTAL IRIBAGIZA



CENTRA

+250 786 653 854

+250 726 178 363

MAJOR AREAS OF INTEREST IN ICT

ICT for Transportation

ICT for Industrial Air Quality

ICT for Health

Monitoring

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chantaliriba@gmail.com

Rwanda



French, English

MSc EMoS track: Embedded Systems



BSc Computer Science, University of Rwanda, Rwanda



ACHIEVEMENTS AND CERTIFICATES

Language Proficiency English, University of Rwanda, 2013

Industrial attachment certificate, MINIYOUTH, Rwanda



PROFESSIONAL SKILLS

Python Programming

Java Programming

SQL

Photoshop

C++ Programming

MS Suite

IT Project Management



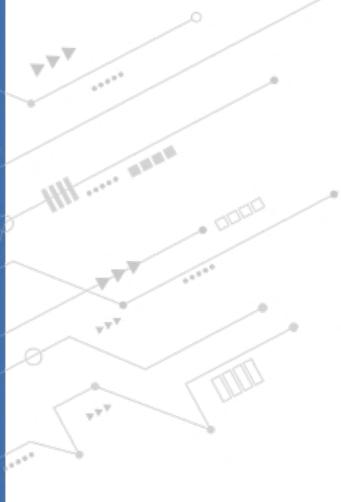


WORK EXPERIENCE

June 2015 – Sep 2015

Dec 2017 – Dec 2019 IT Assistant, MINIYOUTH, Rwanda

Maintenance and Programing Intern, EUCL, Rwanda





KEVIN IRIHO



Burundi



English, French, Swahili

MSc EMoS track: Embedded Systems



Bsc Network Engineering, Lake Tanganyika University, Burundi



ACHIEVEMENTS AND CERTIFICATES

Certificate in PHP, MySQL, Network configuration, Lake Tanganyika University, Burundi, 2016

Training in Java programming and Cyber Security throughout Bachelor



PROFESSIONAL SKILLS

Php, MySQL

SQL, Linux

Networks

C++



WORK EXPERIENCE

Sep 2018 – Dec 2019

Java programming

Teacher, Secondary School, ECOTESA, Burundi





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MAJOR AREAS OF INTEREST IN ICT



ICT in Heath



Artificial Intelligence



ICT for Security







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@Lion_of_Judaaa

MAJOR AREAS OF INTEREST IN ICT



IoT Security



ICT for Health



Cyber Security



Artificial Intelligence





Scan My VideoStory

JESUS DE LA PAIX IRAKOMEYE



Burundi



Kirundi, French, English, Swahili

MSc EMoS track: Embedded Systems



BSc Engineering and Telecommunication Management, Hope Africa University, Burundi



ACHIEVEMENTS AND CERTIFICATES

Certificate of participation, Smart automation Africa Webinar, Trade Pass Company, 2020



PROFESSIONAL SKILLS

Python Programming

Java programming

SQL

Network Security and Systems

Hardware and Software Maintenance

Cyber Security

Admin Windows System



WORK EXPERIENCE

Nov 2019 - Dec 2019

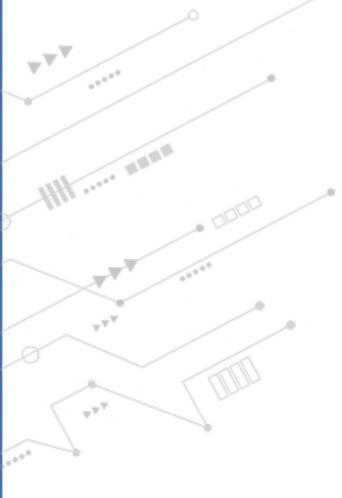
Aug 2019 - Nov 2019	Network Maintenance, Neuro Psychiatric Centre Kamenge, Burundi
Feb 2018 – Feb 2019	Vice President of Student Council at Hope Africa University, Burundi
Nov 2018 – Dec 2018	Trainee in Switching and Transmission, National Office of

Telecommunications, Burundi

ICT Operator, Ruyigi refugee camp, Burundi



in East Africa





JOSEPH MURIU KIGUTA



Kenya



English, Swahili

MSc EMoS track: Embedded Systems



BTech Electronics and Communication Engineering, National Institute of Technology, Rourkela, India



ACHIEVEMENTS AND CERTIFICATES

1st Runners up Mathematics Olympiad of Kenya, University of Nairobi, 2011

Development of Smart lighting system based, Kiambu county, 2019



PROFESSIONAL SKILLS

Python Programming	
Java programming	
Matlab	
VHDL programming	
Verilog programming	
Code Composer Studio	
C/C++ Programming	



WORK EXPERIENCE

May 2019 – Nov 2019 Assistance Resident Engineer, County Government of Kiambu, Kenya

May 2016– July 2016 Intern, Phoenix Robotix Pvt. Ltd., India



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MAJOR AREAS OF INTEREST IN ICT

Smart Surveillance Systems

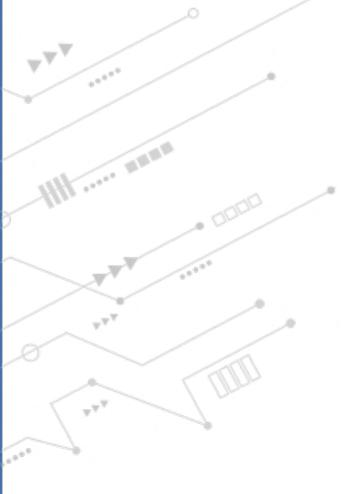
ICT for Sewerage Monitoring

@MuriuKiguta

Deep Learning

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JOSEPH LULE



Uganda



Luganda, English

MSc EMoS track: Embedded Systems



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MAJOR AREAS OF INTEREST IN ICT

Cyber Security

Machine Learning

Natural Language Processing

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BSc Mobile and Satellite Telecommunications Engineering, International University of East Africa, Uganda



ACHIEVEMENTS AND CERTIFICATES

Service to Community Award, International University of East Africa, Uganda, 2018

Trainer at Girls in Maths Program, International University of East Africa, 2019



PROFESSIONAL SKILLS

Python Programming

Public Speaking

Machine Learning

Computer Networking

Academic Research

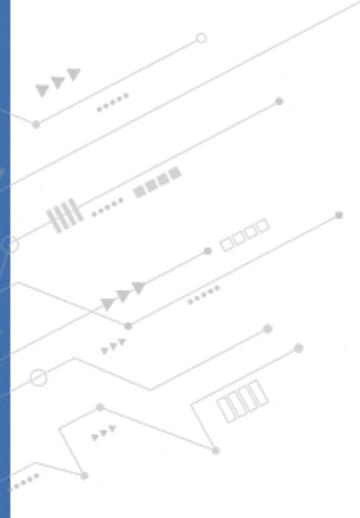


WORK EXPERIENCE

Feb 2019 – Dec 2019

Teaching Assistant, International University of East Africa, Uganda







JUMA SALIM



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MAJOR AREAS OF INTEREST IN ICT

IoT for Medical Equipment

IoT for Tracking

IoT for Traffic Control

Tanzania



English, Swahili

MSc EMoS track: Embedded Systems



B.Eng Electronics and Telecommunication, Dar es Salaam Institute of Technology, Tanzania



ACHIEVEMENTS AND CERTIFICATES

Third Position, Full Technician Certificate, Tanzania, 2007

Certificate of Participation, Hearing Aids, ALPS India, 2015



PROFESSIONAL SKILLS

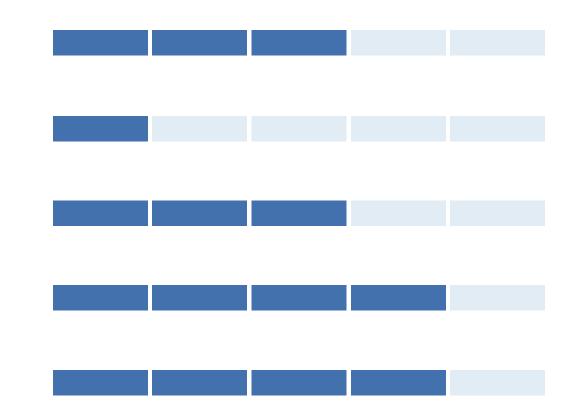
Python Programming

Java programming

C++ Programming

Electronic Repair

Hearing Aid Maintenance





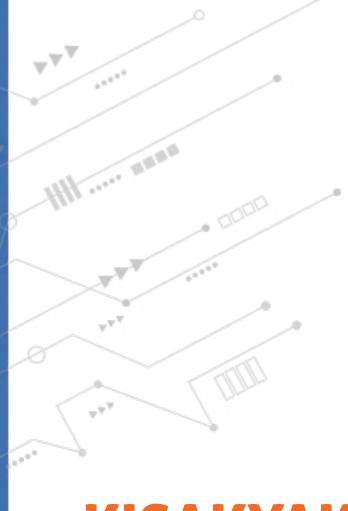
WORK EXPERIENCE

Oct 2012 – Sep 2020

Instructor, Karume Institute of Science and Technology, Tanzania









KISAKYAKE NGONDYA



Tanzania



English, Swahili

MSc EMoS track: Mobile Systems



BEng in Computer Science and Engineering, St. Joseph University, Tanzania



ACHIEVEMENTS AND CERTIFICATES

Certificate of Participation, Smart Automation Africa, 2020



PROFESSIONAL SKILLS

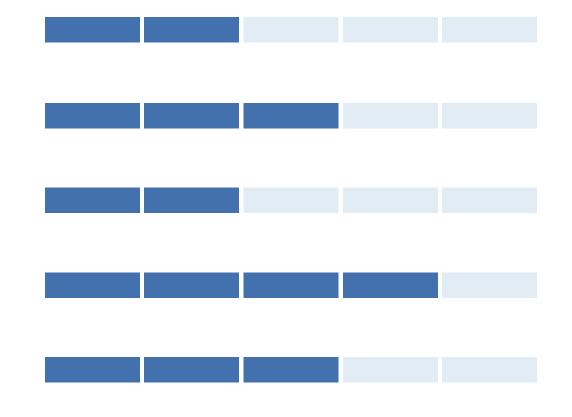
Python Programming

Java programming

SQL

Networking

Android Studio





WORK EXPERIENCE

Oct 2016 – Jan 2020

System Administrator, Tumaini University Makumira, Tanzania

Feb 2014 – Sep 2016

IT Officer, National Museum of Tanzania, Tanzania



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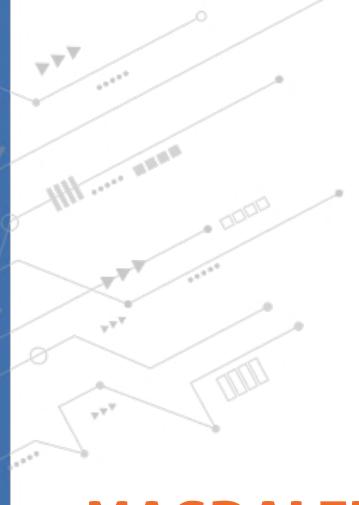
MAJOR AREAS OF INTEREST IN ICT

ICT in Education

ICT in Health

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MAGDALENA BAHATI LUNGWA



Tanzania



English, Swahili

MSc EMoS track: Mobile Systems



BSc Computer Science, Institute of Finance Management, Tanzania



ACHIEVEMENTS AND CERTIFICATES

Certificate or Participation, Smart Automation Africa, 2020

Current Project: Smart Bus ticketing system



PROFESSIONAL SKILLS

Python Programming

Java programming

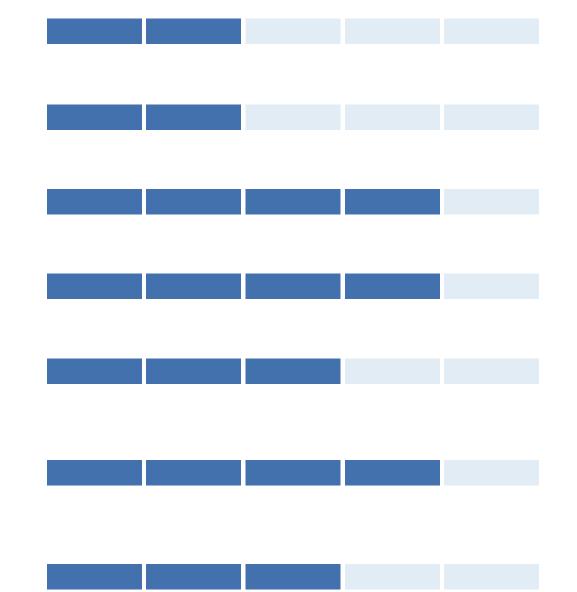
Mobile Application Development

Mobile Commerce

Leadership

IT project Management

System Administration





WORK EXPERIENCE

Jan 2017 - Dec 2018 ICT and Mathematics Teacher, Arusha Teachers College, Tanzania.

Jan 2014 – Dec 2015 Data Collector, World Vision, Tanzania

June 2011 – Oct 2011 Administration and IT Officer, Tanzania Revenue Authority, Tanzania



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MAJOR AREAS OF INTEREST IN ICT

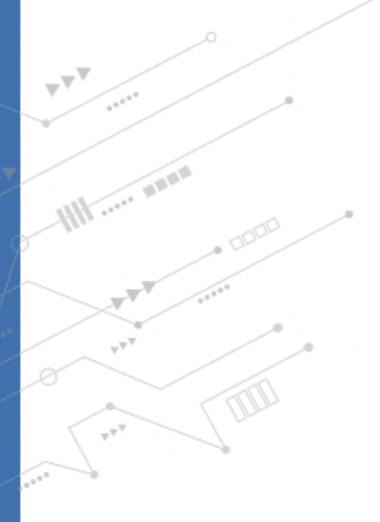
ICT in Health

ICT for Agriculture

ICT for business and organization

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MAJOR AREAS OF INTEREST IN ICT



ICT in Oil and Gas Industries



ICT for Networking



ICT for Wireless Communication



ICT for Wireless Communication

EMMANUEL MATHIANG DUT THOKRIEL



South Sudan



English, Arabic, Dinka

MSc EMoS track: Embedded Systems



BSc in Electronic Engineering and Optical Technology, Nanjing University of Science and Technology, China



ACHIEVEMENTS AND CERTIFICATES

Certificate of Accomplishment, Construction and Electrical training, Smile Tonj Project, South Sudan, 2012



PROFESSIONAL SKILLS

Matlab Programming

Java programming

Python Programming

C/C++ Programimng

ICT Security

IT Project Management

Internet of Things



WORK EXPERIENCE

July 2012 - Sep 2014

Aug 2017 - May 2019

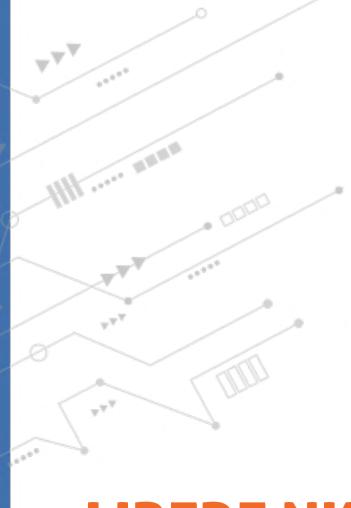
Chairperson, SPLM Youth League- Chapter in China, China

Dec 2016 - Dec 2017

President, African-American Students' Association/ Nanjing
University of Science and Technology, China

Compound Manager, Smile Tonj Project, South Sudan







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MAJOR AREAS OF INTEREST IN ICT

ICT for Security

Smart Homes

ICT for Traffic Management

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Burundi



Kirundi, French, English, Swahili

MSc EMoS track: Embedded Systems



Civil Eng. Engineering Management of Telecommunication, Hope Africa University, Burundi



ACHIEVEMENTS AND CERTIFICATES

2nd best place, Church and Nation Leadership Training, Come and See Africa, Rwanda, 2009

Certificate of Accomplishment, Radio Planning in Wireless Broadband Access, VSAT technology and basic Computer Networking, Umutamana Wireless Company, Burundi, 2015

Co-founder of BU.CO.TEC company specialized in selling and installation IP CCTV Camera in Burundi



PROFESSIONAL SKILLS

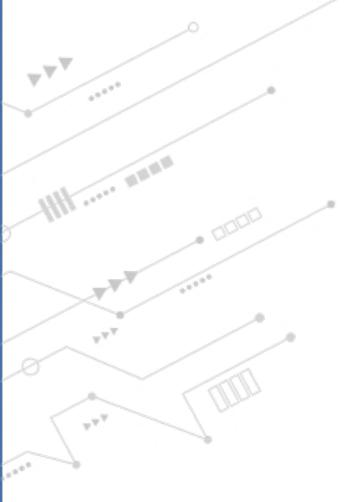
Python Programming	
Java programming	
SQL	
Networking	
Electronic Security	
Transmission(U2000)	



WORK EXPERIENCE

Feb 2018 – Jan 2020	Part-time teacher, Hope Africa University, Burundi
May 2016 – Jun 2019	Network Operator Center, Lacell SU(Smart), Burundi
April 2017 – Nov 2018	Managing Director, Sayari Advanced Technology, Burund







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MAJOR AREAS OF INTEREST IN ICT

ICT for Agriculture

Machine Learning

ICT for Water Management

@ucariner

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Rwanda



Kinyarwanda, English, French, Swahili

MSc EMoS track: Embedded Systems



BSc Computer Science, Kigali Independent University (ULK), Rwanda



ACHIEVEMENTS AND CERTIFICATES

IT Essentials, Cisco Academy, 2016

Certificate of Participation, Transform Africa Summit, 2015

Certification of Participation, Bright Future Cornerstone Network, 2018



PROFESSIONAL SKILLS

Python Programming Software Requirement Analysis SQL & MySQL Database C/C++ prpgramming **IT Project Management**



Machine Learning

Embedded system development in Arduino and Raspberry Pi



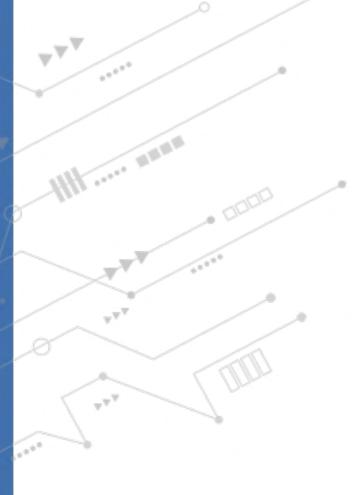
WORK EXPERIENCE

Oct 2018 – Dec 2019 Intern, Social Security Board, Rwanda

Internship as ICT Officer, ASA Microfinance, Rwand Dec 2015 – Feb 2018

May 2014 – Aug 2014 Data entry, Rusizi District, Rwanda







SALAMA NDAYISABA



Burundi



Kirundi, French, English, Swahili

MSc EMoS track: Embedded Systems



BSc Computer Science, Hope Africa University, Burundi



ACHIEVEMENTS AND CERTIFICATES

Certificate of Accomplishment, Leadership Training, Burundi, 2017-2018

Certificate in Computer Communication Networks, Networking Training Centre, Burundi, 2014-2015



PROFESSIONAL SKILLS

Python Programming

Java programming

Networking

C++ Programming

Teaching Strategies

Hardware Maintenance



MAJOR AREAS OF INTEREST IN ICT

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ICT Education



ICT Automative



ICT Smart Home



WORK EXPERIENCE

Sep 2002 - July 2012

Jan 2016 - Dec 2019
Teacher in Computer Science, Elayono Secondary School, Burundi

Feb 2015 - May 2015
Internship in Computer Networking, REGIDESO, Burundi

Teacher, Ruguhu Secondary School, Burundi







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MAJOR AREAS OF INTEREST IN ICT



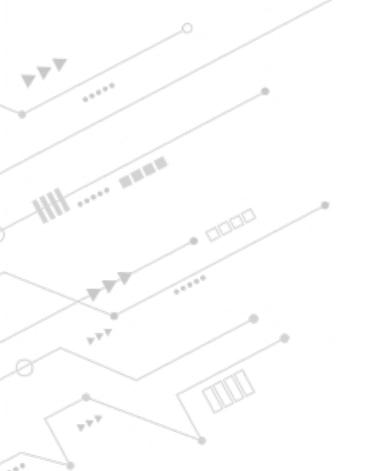
ICT for Environment Management



ICT for Health



ICT for Education





STANLEY ISAAC MANYONYI



Tanzania



Swahili, English

MSc EMoS track: Mobile Systems



BSc Computer Science, The Institute of Finance Management, Tanzania



ACHIEVEMENTS AND CERTIFICATES

Best Student Award, The Institute of Finance Management, Tanzania, 2011

A+, N+, CCNA and MCITP Certificates, UTL Technologies Ltd, Bangalore, India, 2014

Development of Website for Shinyanga Municipal Council and Shinyanga Regional Secretariat using government framework, Tanzania, 2018



PROFESSIONAL S KILLS

Python Programming

Java programming

SQL

Computer Networks

Android App Development

Leadership



WORK EXPERIENCE

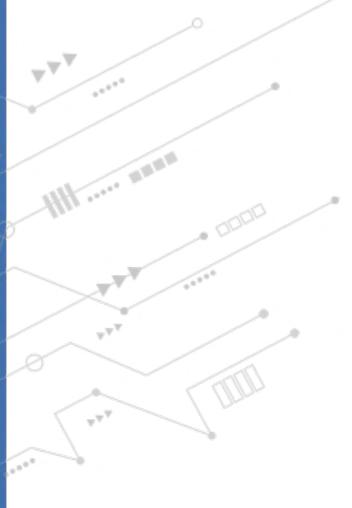
System Administration

Since Sep 2019 Head of ICT Unit, Msalala District Council, Tanzania

July 2017 – Aug 2019 Regional ICT Officer, Shinyanga Regional Secretariat, Tanzania

Sep 2012 – June 2017 Computer Systems Analyst, Shinyanga Municipal Council, Tanzania









THON MALEK GARANG



South Sudan



English, Arabic

MSc EMoS track: Mobile Systems



BSc Software Engineering, University of Eastern Africa, Baraton, Kenya



ACHIEVEMENTS AND CERTIFICATES

Development of web-based Human Resource Management System for UNKEA, South Sudan, 2016

Development of Insurance Management System for Nile International Insurance Company, South Sudan, 2016

Development of web-based Student Information System for Dr. John Garang Memorial University, South Sudan, 2013



PROFESSIONAL SKILLS

Python Programming

Java programming

MYSQL database & SQL

Mobile App Development in React & Android

PHP

Website Design

System Analysis and Design





WORK EXPERIENCE

Aug 2013 – May 2016

Since Jan 2016 Software Development Consultant, UNKEA, South Sudan

June 2016 – Jan 2020 Teaching Assistant, Upper Nile University, South Sudan

Software Developer, Dr. John Garang Memorial University of Science and Technology, South Sudan



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MAJOR AREAS OF INTEREST IN ICT

ICT for Livestock Management

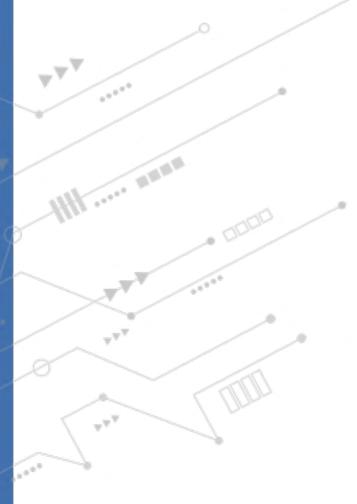
Artificial Intelligence

E-government

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YVONNE IRADUKUNDA



Rwanda



Kinyarwanda, English, French MSc EMoS track: Embedded Systems



BSc Computer Science with Education, University of Technology and Arts of Byumba, Rwanda



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MAJOR AREAS OF INTEREST IN ICT

Smart Environment

ICT for Health

ICT in Business

@Yvonnelra3

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ACHIEVEMENTS AND CERTIFICATES

Community member, Microsoft, Rwanda, 2019

Microsoft certified educator, 2019

Current project: Smart Electronic Billboard



PROFESSIONAL SKILLS

Python Programming

Java programming

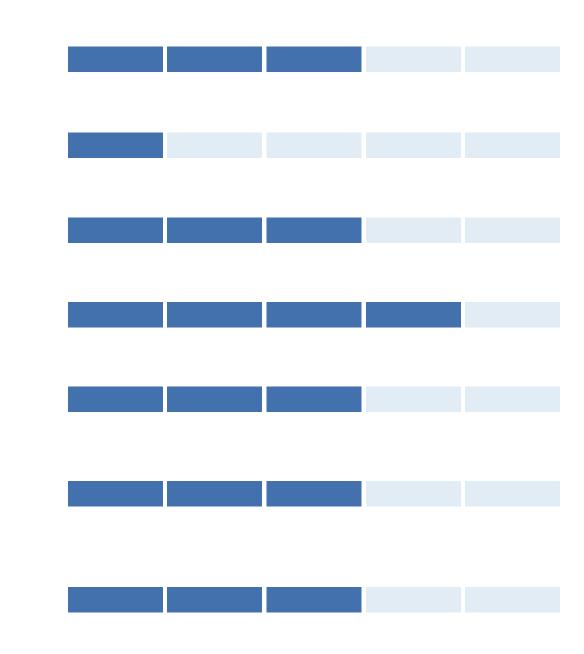
SQL

C/C++ Programming

Network

Web design

Visual Basic





WORK EXPERIENCE

Feb 2018 – Jan 2020

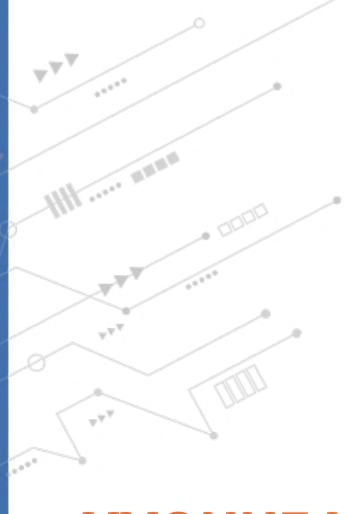
IT Officer and Teacher, Mineduc, Rwanda

March 2016 – Sep 2016

Registration facilitator, University of Technology and Arts

Byumba, Rwanda







YVONNE UWAMAHORO



Rwanda



English, French, Kinyarwanda

MSc EMoS track: Embedded Systems



BSc Information Systems, University of Rwanda, Rwanda



ACHIEVEMENTS AND CERTIFICATES

Geographic Information Systems Certificate, Central University of Karnataka, India, 2020

Language Proficiency Certificate English, University of Rwanda, 2014

Data Entry Certificate, Nyagatare District, Rwanda, 2014



PROFESSIONAL SKILLS

Python Programming

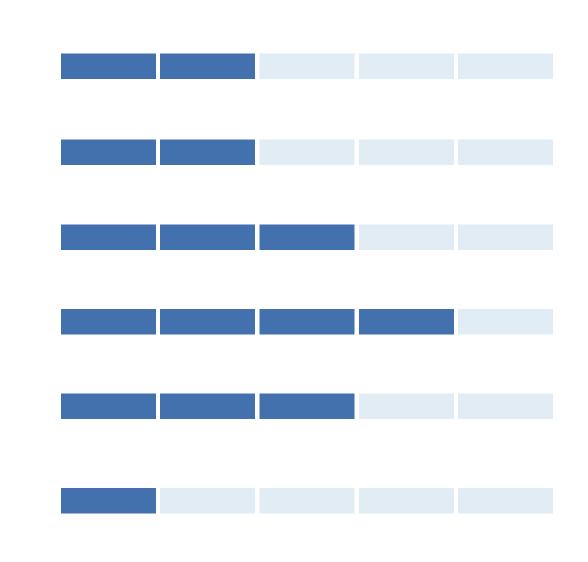
Java programming

SQL

IT Project Management

GIS

C++ Programming





WORK EXPERIENCE

June 2012 – Oct 2013

Instructor of ICT, Muhabura Integrated Polytechnic, Rwanda May 2018 – Nov 2019

June 2016 – Aug 2016 Internship, Musanze District/IT Department, Rwanda

Matron and Teacher at Saint Vincent Muhoza Secondary

School, Rwanda



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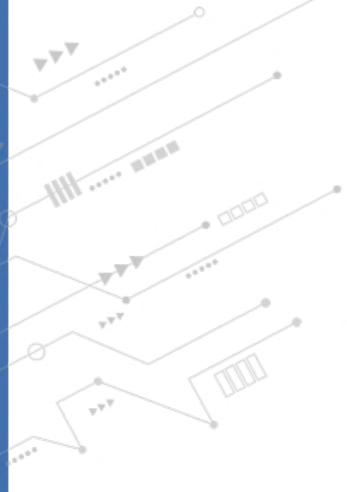
MAJOR AREAS OF INTEREST IN ICT

Smart Mobility Solutions

ICT for Traffic Management

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INNOCENT ZIRAKWIYE



Rwanda



English, French, Kinyarwanda

MSc EMoS track: Embedded Systems



BSc Computer Science, National University of Rwanda, Rwanda



ACHIEVEMENTS AND CERTIFICATES

Certificate of Merit, Use of ICT for Teaching and Learning, Rwanda Education Board, Rwanda, 2019

Certificate of Appreciation, Design of a Database, National University of Rwanda Research Directorate Unit, 2013

Certificates, CCNA1 & CCNA2, IT Essentials, and Severe Troubleshooting, Cisco Networking Academy, Rwanda, 2012-2013



PROFESSIONAL SKILLS

Python Programming			
Java programming			
SQL			
C/C++ Programming			
HMTL/CSS			
Photoshop			
Networking			



WORK EXPERIENCE

Sep 2013 – Jan 2020

IT Officer and Teacher in Secondary Schools, Ministry of Education, Rwanda



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MAJOR AREAS OF INTEREST IN ICT

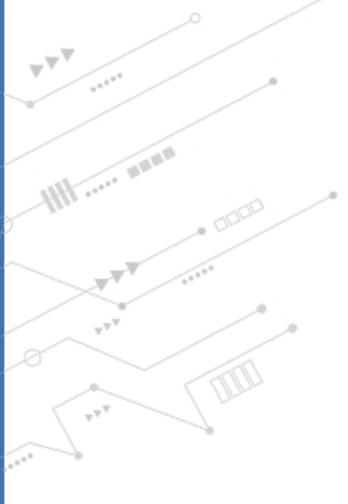
Drones for Agriculture

ICT for Transport

ICT for Health

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ZUHURA HAMBO MSISI



Tanzania



Swahili, English

MSc EMoS track: Embedded Systems



BSc Information and Communication Technology, Institute of Accountancy Arusha, Tanzania



ACHIEVEMENTS AND CERTIFICATES

Certificate of Appreciation, Introduction to Network Operation, Internet Society Africa, 2019

Certification of Completion, System and Network Security, Tanzania Network Operators Group, 2018



PROFESSIONAL SKILLS

Network Security Sensors and Actuators System Administration **IT Project Management Project Coordinator**





WORK EXPERIENCE

Sep 2017 – May 2018

May 2019 – Jan 2020	ICT Project Coordinator, E3Empower Africa, Tanzania
March 2019 – May 2019	Intern, Habari Node PLC, Tanzania
Nov 2018 – May 2019	IT Consultant, ESQ Financial Consultant, Tanzania
May 2018 – Feb 2019	Freelancer, Eagle Analytics Company Ltd, Tanzania

Intern, Tanzania Network Information Center, Tanzania



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MAJOR AREAS OF INTEREST IN ICT

ICT for Automation

ICT for Security

Ethical Hacking

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Deutscher Akademischer Austauschdienst German Academic Exchange Service

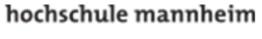














CONTACT

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Dina Machuve, PhD

Industry Liaison and

Outreach Coordinator

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