



DIGITAL YEARBOOK YOUNG PROFESSIONALS

4TH COHORT

Master in Embedded and Mobile systems (EMoS)

An initiative of the Digital Skills for an
Innovative East African Industry project

**"Dedicated to Excellence,
Committed to the Future"**

We believe in the power of engaging local young professionals to leverage their expertise in design thinking and conceptualization of digital innovations for the region of East Africa.

Paul Isaac Musasizi,
CEO Kiira Motors Corporation

The Digital Skills for an Innovative East African Industry (dSkills@EA) project is strengthening employment and innovation-related digital skills of young people in the Partner States of the East African Community (EAC) through short courses, the promotion of entrepreneurship activities and technology transfer. It also supports the Centre of Excellence for ICT in East Africa (CENIT@EA) in the implementation of its activities.

CENIT@EA is a regional innovation hub of EAC which 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 lectures from the private sector, as well as Entrepreneurial and Soft Skills training.

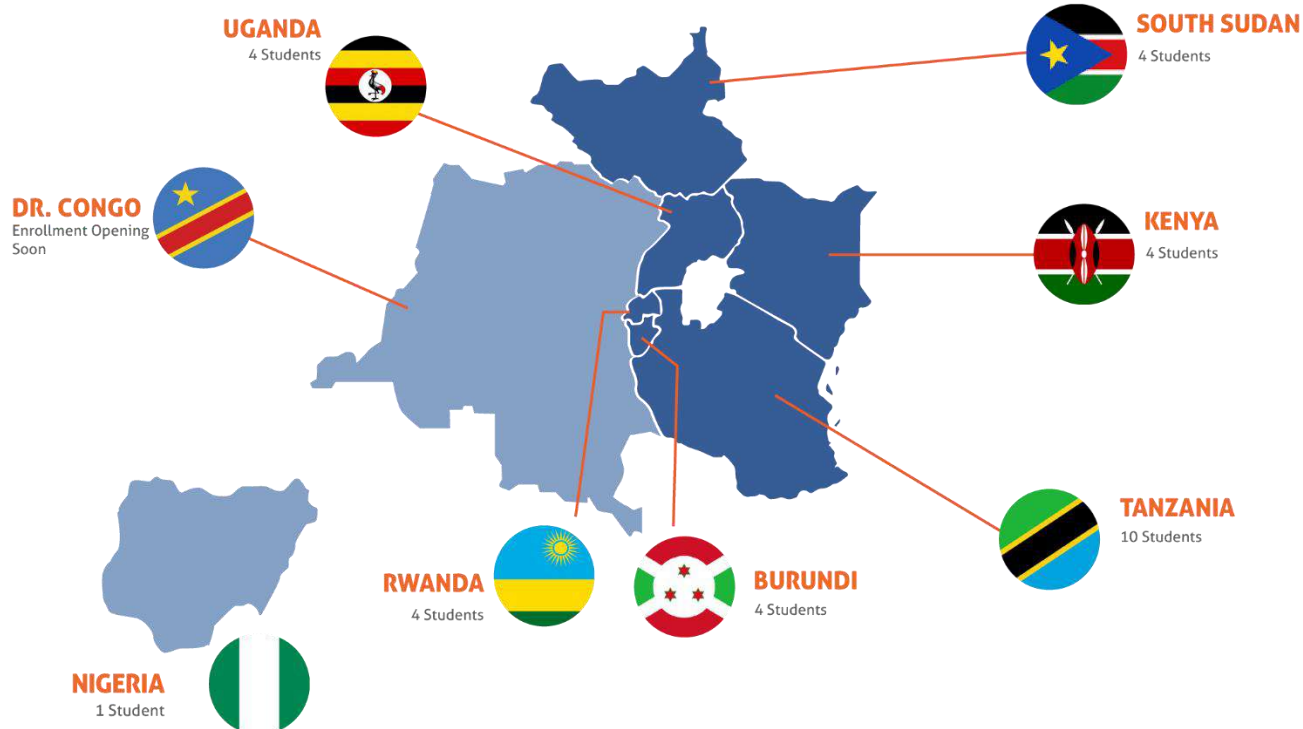
This Digital Yearbook Showcases the skills profiles of the Young Professionals of the 4th cohort of the Master in Embedded and Mobile Systems. These Young Professionals have an excellent academic record and on average over three years of relevant work experience. They are motivated to develop digital solutions for the challenges the East African private and public sector are facing. If your company or organization is looking for the right skills for the digital transformation of their businesses and improvement for operations, take a look at the profiles and contact the Young Professional of your interest directly

FACTS ABOUT THE YOUNG PROFESSIONALS



3.3+

Years of Work
Experience



MAJOR AREAS OF INTEREST



BACKGROUND

CENIT@EA is a regional innovation hub that was initiated by the East African Community (EAC) and the German Federal Ministry for Economic Cooperation and Development (BMZ) and launched in 2019 to support East African Universities in providing the technical skills that meet the needs of the private sector, public sector and civil society stakeholders in the region's digital transformation.

CENIT@EA is supported by and implemented under the project "Digital Skills for an Innovative East African Industry" (dSkills@EA). The Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH implements the project in cooperation with the Inter-University Council of East Africa (IUCEA), the German Academic Exchange Service (DAAD) and an academic consortium consisting of Nelson Mandela African Institution for Science and Technology (NM-AIST), the University of Oldenburg and other East African and German 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 trainings for professionals in the area of Information and Communication Technologies (ICT), unemployed graduates and university lecturers to provide them with the relevant digital skills. To assure this demand-driven and value creating approach, CENIT@EA works very closely with the private sector through events such as ICT4 Business and cooperation mechanisms such as the Memorandum of Understanding with Kiira Motors. The regional network and dialogue between academia, public and private sector is furthermore facilitated for collaborative development of the digital transformation



Scan My VideoStory



ALI ZIRYAWULAWO



Ugandan



English, Kiswahili,
Luganda, Runyankore

MSc EMoS track: Embedded
Systems



BSc Electrical Engineering, Makerere University, Uganda



+255766272912



azilyawulawo@gmail.com



+256705624473



@Ziryawulawo1

MAJOR AREAS OF INTEREST IN ICT



Green Mobility Technologies



Smart Farming



Autonomous Vehicle Tech



ACHIEVEMENTS & CERTIFICATES

Policy Making: Entrepreneurship For Sustainable Development, United Nations
Institute for Training and Research, 2021

Leadership Through Design Innovation, Northwestern University, 2021

Tomorrow's Mobility, IFP School, 2020



PROFESSIONAL SKILLS

Python Programming



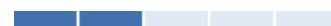
MATLAB



AutoCAD Electrical



SolidWorks Electrical



Graphics Design



WORK EXPERIENCE

October 2021 – To-date

Electrical and Electronic Systems Engineer, Kiira
Motors Corporation, Uganda

January 2020 – September
2021

Undergraduate Research Assistant, Kiira Motors
Corporation, Uganda



Scan My VideoStory



THACIANNE TUYAMBAZE



Rwandese



English, French,
Kinyarwanda

MSc EMoS track: Mobile Systems



BSc Information Systems, University of Rwanda, Rwanda



ACHIEVEMENTS & CERTIFICATES

Certified in Software Development in the She Can Code Program offered by Igire Rwanda Organization, in partnership with the US Embassy Kigali, Rwanda on Dec 2018

Certified in Entrepreneurship Skills by EASTECO (East African Science and Technology Commission) on July 2022

Certified in Initiating and Planning Projects by UCI Division of Continuing Education on Dec 2020

Certified in Business Analysis and Process Management by Coursera Project Network on Dec 2020

Certified in Product Lifecycle: A Guide from start to finish by Coursera Project Network on Dec 2020



PROFESSIONAL SKILLS

Mobile App Development

E-Business

Business Analysis

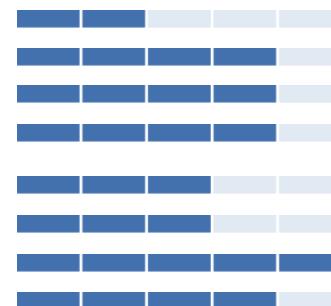
System Analysis and Design

Software Development

Computer Networking

IT Project management

Mobile Commerce



MAJOR AREAS OF INTEREST IN ICT



Business Analysis



Information Systems Auditing



Marketing and Electronic Business



IT Project Management



WORK EXPERIENCE

July 2019 – December 2021

Loan Officer, ASA Microfinance Rwanda Plc., Rwanda

December 2018 – July 2019

Data Entry Clerk, Rwanda Education Board (REB), Rwanda



Scan My VideoStory



SPECIOSE INGABIRE



Rwandese



English, French,
Kinyarwanda

MSc EMoS track: Embedded
Systems



BSc Computer Science, University of Rwanda, Rwanda



ACHIEVEMENTS & CERTIFICATES

Child Protection Certificate /Child protection Training/Compassion International
Rwanda/2021

Making a Ginger Soft drink by using different plants.



PROFESSIONAL SKILLS

Python Programming



Java Programming



SQL



C / C++ Programming



Networking



HTM, CSS, PHP



System development and security



WORK EXPERIENCE

August 2020 –
January 2022

Project Communication, Compassion International,
Rwanda

August 2017 – July 2020

Information Technology Technician, Eden Business
Center Limited, Rwanda

June 2016 – June 2017

Professional Internship, Rwanda Energy Group,
Rwanda

0766315136



ingabirespeci@gmail.com



+250784052404



@ingabirespeciose

MAJOR AREAS OF INTEREST IN ICT



ICT FOR HEALTH



ICT For Transport



Internet of Things



Scan My VideoStory



SIJALI MADIKAH



Tanzanian



English, Swahili,
German

MSc EMoS track: Mobile
Systems



BSc Information Technology-Network Computing, UCTI University, Malaysia



ACHIEVEMENTS & CERTIFICATES

Advanced Diploma in Computer Science, IFM, 2006

Certificate of Computer Science, IFM, 2003

Database System Management training, SUA, 2018



PROFESSIONAL SKILLS

Python Programming



Java Programming



Android programming



C# / C++ Programming



SQL



Ms Access



WORK EXPERIENCE

February 2015 – To date

ICT Officer, VETA, Tanzania

August 2012 – July 2014

ICT Associate, TPSC, Tanzania

June 2014 – January 2014

Computer Technician, ATMA
Electronics and Software, Tanzania

MAJOR AREAS OF INTEREST IN ICT



Database management Systems



ICT Project Management Systems



Internet of Things for network
Security



Scan My VideoStory



SAMUEL CHOL BUOL



South
Sudanese



English, Arabic, Dinka

MSc EMoS track: Mobile
Systems



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



ACHIEVEMENTS & CERTIFICATES

Awarded two certificates of academic excellence, University of Eastern Africa, Baraton, 2017, 2018, 2019 academic years (certificate of Academic excellent is given to students who get 3.5 GPA and above without B- in a semester)

Cisco CCNA/training, Institute of Advanced technology, 2019, Kenya

Developed sukonline E-commerce, Nirea Group, Ama Makurdi web applications and Dinka hymnal app

Cisco Cybersecurity essentials and introduction to cybersecurity, digital marketing, Cisco Network Academy, Google 2021, Online



PROFESSIONAL SKILLS

Python, JAVA, SQL

Java Programming

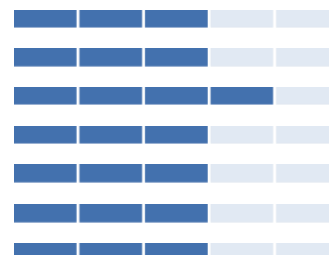
HTML, CSS

Javascript

Mobile development

Networking

Cybersecurity



WORK EXPERIENCE

November 2021 – Date

System admin, Nile Real Estate Agency limited, South Sudan

March 2021 – January 2022

Information and analysis officer, South Sudan NGO forum, South Sudan

May 2018 – August 2018

Software Developer, Competa Millman Ltd, Kenya



+211922605444 / +255768238567



cholbuol08@gmail.com



+211922605444



@cholbuol6

MAJOR AREAS OF INTEREST IN ICT



Web-Based Systems



Mobile Systems



Artificial Intelligence (deep learning and Natural language processing)



Scan My VideoStory



OCHIRA ANTHONY CHARLES BATULUMEO



South
Sudanese



Arabic English

MSc EMOs track: Mobile
Systems

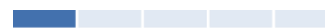


BSC Information Technology, University of Juba, South Sudan



PROFESSIONAL SKILLS

Python Programming



Java Programming



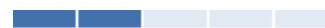
PHP



Visual



SQL



HTML



Oracle



WORK EXPERIENCE

April 2018-April 2019

2019 lab expert, STEM Center, South Sudan

January 2017-January 2018

Data Clarke, Street Children Aids, South Sudan

February 2015-December 2016

Sale Ref, Vivacell Company South Sudan



0744454295



batulumeoo@nm-aist.ac.tz



+211922313311

MAJOR AREAS OF INTEREST IN ICT



Health information systems



ICT for smart agriculture



Mobile application systems



Scan My VideoStory



NGUSE NGULUMBI



Tanzanian



English, Swahili

MSc EMoS track: Mobile Systems



BSc in Computer Engineering and Information technology, University of Dar es salaam, Tanzania



ACHIEVEMENTS & CERTIFICATES

Systematic Review and Meta Analysis Training, NM-AIST, 2022

Certified Scrum Master, Koenig (Scrum Study), 2020

Microsoft Technology Associate, Microsoft, 2020



PROFESSIONAL SKILLS

SQL Server



C# programming



Python Programming



Agile (Scrum)



Android



MS Office



GitHub



WORK EXPERIENCE

August 2019 – January 2022

Software developer, SoftNet Technologies Limited, Tanzania

September 2018 – September 2019

ICT Trainer, Help to Help, Tanzania



+255655095012



nguse.gngulumbi@gmail.com



+255655095012

MAJOR AREAS OF INTEREST IN ICT



ICT for Digital economy



ICT for smart agriculture



ICT for Health



Scan My VideoStory



MICHAEL OCHIEL ONYANGO



Kenyan



English, Swahili

MSc EMoS track: Embedded Systems



BSc Electrical and Electronic Engineering, Technical University of Mombasa, Kenya



ACHIEVEMENTS & CERTIFICATES

HCIA DATACOM Certificate, HUAWEI, 2021

Software Defined Networks, Safaricom PLC Kenya, 2021

Class C1 Licensed Electrical Engineer, EPRA Kenya, 2021



PROFESSIONAL SKILLS

Python Programming



Machine Learning



Electrical design (AutoCAD Electrical)



Internet of things



Telecommunication Networks and Infrastructure



IT Project Management



Embedded Systems Engineering



WORK EXPERIENCE

JUNE 2021 – DEC 2021

Electrical Engineer, Erubi Electrical Engineering Services, Kenya

NOV 2020 – MAY 2021

Network Engineer, Fireside Communications Ltd, Kenya

MAY 2019 – NOV 2020

Network Engineer, Bens Electronic Services, Kenya



+255766741996 / +254718413891



mochiel26@gmail.com



+254718413891

MAJOR AREAS OF INTEREST IN ICT



Data science



Industrial Automation



Telecommunication



Scan My VideoStory



MARY MTOI



Tanzanian



English, Swahili

MSc EMoS track: Mobile Systems



BSc Computer Science, National Institute of Transport (NIT), Tanzania



ACHIEVEMENTS & CERTIFICATES

Certificate of ICT Training in network management ,CCTV Camera installation and Telephone Management from LMKL ,Manyara Arusha Tanzania

Certificate of Appreciation for participating in NM-AIST STEM Women during Nane Nane exhibition,Held on 8 August 2022 in Arusha Tanzania



PROFESSIONAL SKILLS

Python Programming



Java Programming



SQL / PHP



Web Development



Machine Learning



Internet of Things



WORK EXPERIENCE

October 2021– Present

Tutorial Assistant, Institute of Accountancy Arusha, Tanzania

September 2020– June 2022

IT Technician II, Institute of Accountancy Arusha, Tanzania

November 2019 – April 2020

IT Consultant, LMK, Tanzania

MAJOR AREAS OF INTEREST IN ICT



Machine Learning for agriculture



Network Security & Management



Scan My VideoStory



LUSUNGU WANGILISASI



Tanzanian



English, Swahili

MSc EMoS track: Mobile Systems



Bsc. Computer Engineering and Information Technology, University of Dar es Salaam, Tanzania



ACHIEVEMENTS & CERTIFICATES

Participated in Innovating Agricultural Drone for spraying pesticides in Agriculture.

Specialized Program on Mobile Apps Development, Center for Development of Advanced Computing (CDAC), 2019



PROFESSIONAL SKILLS

Web Development

Mobile Development

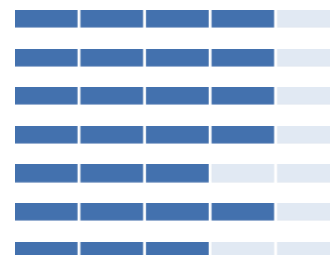
SQL

Machine Learning

Python

Java

C#/ASP.NET CORE



WORK EXPERIENCE

Dec 2014 – Jan 2022

Tutorial Assistant, Mbeya University of Science and Technology, Tanzania

June 2014 – Nov 2015

System Administrator, Tumaini University Makumira, Tanzania

Oct 2012 – May 2014

Field Engineer, Perntels Company Limited, Tanzania



+255 752 564 511



wangilisasi@nm-aist.ac.tz



+255 752 564 511



@Eng_Wangi_Jr

MAJOR AREAS OF INTEREST IN ICT



IoT in agriculture



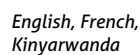
ICT for Health



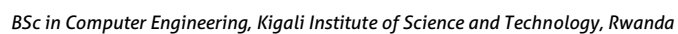
ICT for agriculture



Rwandese



MSc EMoS track: Mobile Systems



OpenMRS configuration and Administration of all hospital Modules

Trained in Innovation and Entrepreneurship

Developed Kinyarwanda Crossword puzzle game

Certified in Advanced Network and Network Security

Certified in CISCO/CCNA (IT Essentials, Network Fundamentals, LAN Switching and Wireless, and Accessing the WAN)

MAD Basics (Mobile Application Development)

Bachelor of Science Degree in Computer Engineering



SOL

Networking & security

Hardware & maintenance

System Administration (Windows & Linux)

Python programming

Mobile Apps development



February 2016 – December 2021

ICT Officer, MOH/Kirehe D. Hospital,
Rwanda

March 2015 – November 2015

ICT Assistant, TGI Ngoma, Rwanda

April 2014 – December 2014

ICT/Program Professional Intern,
HIJRA/Humanitarian Initiative Just Relief
Aid, Kenya



Scan My VideoStory



JEAN CAMILLE SHAKA



Burundian



English, French,
Swahili, Kirundi

MSc EMOs track: Embedded Systems



BSc Computer Science, Great Lacs University, Burundi



PROFESSIONAL SKILLS

Web-Based Application Development using:
CodeIgniter

Server-Side Web Programming languages,
J2EE

Client-Side Web Programming languages:
HTML, Bootstrap, JavaScript, Ajax

Relational Database Administration using
Oracle, MySQL, SQL SERVER

Java Programming

Android Programming

Android Programming

Unified Modeling Language (UML)



WORK EXPERIENCE

September 2019 – September 2021

Developer, New High Technology
+++Systems (NHTS), Burundi

+257 62 41 27 80

cressemin@gmail.com

+257 62 41 27 80

@jean_camille_Sh

MAJOR AREAS OF INTEREST IN ICT



Mobile Programing



ICT for Health



Machine Learning



Scan My VideoStory



JAPHETH MUMO



Kenyan



English, Swahili

MSc EMOs track: Mobile Systems



BSc of Information Technology, South Eastern Kenya University, Kenya



ACHIEVEMENTS & CERTIFICATES

Developed NM-AIST To-Do App, to assist in Daily Task Planning, Nelson Mandela African Institution of Science and Technology, 2022

Designed a Corporate Asset Management System for the Kenya Civil Aviation Authority, 2018

First Class Honors Excellence Award, in Bachelor of Information Technology at South Eastern Kenya University, 2018.



PROFESSIONAL SKILLS

Python & Java Programming



Graphics & Video Editing



Machine Learning



Mobile Development



Web Development



Project Management



IoT Design and Development



WORK EXPERIENCE



Mar 2021 – Jan 2022

Surveillance and Weighbridge Controller, East African Breweries Limited under Lady Askari, Kenya

Jan 2019 – Mar 2020

Digital Specialist Plan and Trend Company, Kenya

May 2018 – Aug 2018

IT Trainee Kenya Civil Aviation Authority (KCAA), Kenya

+255766312745 / +254714020558



mumokimeu3#gmail.com /
mumoj@nm-aist.ac.tz



+254714020558



@MumoKim1

MAJOR AREAS OF INTEREST IN ICT



Mobile & Web Development



Internet of Things (IoT)



AI & Machine Learning



Scan My VideoStory



JAPHETH ABASHE



Nigerian



English

MSc EMOs track: Mobile Systems



BSc Computer Science and Technology



ACHIEVEMENTS & CERTIFICATES

Developed a Web-based shopping application



0762378895



abashejaph@gmail.com



+8618640426525

MAJOR AREAS OF INTEREST IN ICT



Mobile & Web Development



Software Development



Graphics Design



PROFESSIONAL SKILLS

Python Programming

Java Programming

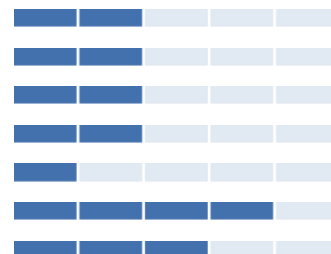
SQL

CSS

Android

Graphic Design

IT Project Management





Scan My VideoStory



JANETH PAUL RIWA



Tanzanian



English, Swahili

MSc EMoS track: Embedded Systems



BSc in Electronic Science and Communication, University of Dar es salaam (UDSM), Tanzania



ACHIEVEMENTS & CERTIFICATES

Diploma in Electronics and Communication Engineering, St. Joseph University in Tanzania, 2016.

Participant in The 5th Annual National Science, Technology and Innovation Conference and Exhibitions, COSTECH Tanzania, 2016.

Design and Implementation of alternative power supply control system at University of Dar es salaam, 2019.

Design of a CMOS Microcontroller based traffic signal pre-emption at St. Joseph University in Tanzania, 2016.



PROFESSIONAL SKILLS

C Programming



Internet of Things



IT Project Management



Embedded Systems Engineering



Network Planning and Optimization



Circuit design



Python Programming



WORK EXPERIENCE

November 2019 – March 2020

IT Intern, Zara International Travel Agency, Tanzania

August 2018 – October 2018

Field Engineer Trainee, Pivottech Company Limited, Tanzania

July 2017 – November 2017

Telecoms Technician, Power and Network Back-Up Limited, Tanzania

+255766201312 / +255718332099



riwajaneth.paul@gmail.com



+255 718 332 099



@J_Riwa

MAJOR AREAS OF INTEREST IN ICT



Internet of Things



Industrial Automation



Smart Mobility



Scan My VideoStory



JACINTA BABU



Kenyan



English, Swahili

MSc EMoS track:
Mobile Systems



BSc Information Technology, KCA University, Kenya



ACHIEVEMENTS & CERTIFICATES

Systematic Review Training, The Nelson Mandela African Institution of Science and Technology, 2022

Industrial Innovation: Trends and Advancement at The Nelson Mandela African Institution of Science and Technology, 2022

Trained Transformational Innovation and Entrepreneurship at The Nelson Mandela African Institution of Science and Technology, 2022

Persons Living with Disability Sensitization Training at The National Council for Persons with Disability – Kabete, Nairobi - 2021

Bachelor of Science in Information Technology at The KCA University, Nairobi



PROFESSIONAL SKILLS

Google Cloud Platform



Google Colab



Python Programming



Android Programming



Java Programming



PHP



SQL



WORK EXPERIENCE

Jan 2021 – Feb 2022

ICT Officer, The National Council for Persons with Disability through The Public Service Commission, Kenya

Jul 2018 – Dec 2020

IT Helpdesk and Support Officer, ICEALION Group, Kenya

Apr 2018 – Jun 2018

Student Attaché, Delight Africa, Kenya



+255744025817



babuj@nm-aist.ac.tz



+254721498077

MAJOR AREAS OF INTEREST IN ICT



Cyber Security and Risk Management



Big Data Analytics



Mobile Technologies



Scan My VideoStory



FRANK SAMSON



Tanzanian



English, Swahili

MSc EMoS track: Mobile Systems



BSc Information Technology, University of Iringa, Tanzania



ACHIEVEMENTS & CERTIFICATES

Interdisciplinary and intercultural sustainability communication – Climate change, Certificate of Participation, Baden-Wuerttemberg Cooperative State University Heidenheim, 2022, Germany

Systematic review and Meta-analysis, Afrique One Aspire, Certificate of Participation, 2022, Tanzania

Funding proposal writing, Certificate of Attendance, Foot 2 Afrika Summer school, 2022, Tanzania



PROFESSIONAL SKILLS

Computer Programming (C, C++, C#, Java, Python)



Database Management Systems (MySQL)



Web Technologies (HTML, CSS, PHP)



Computer Networking



Computer Security



WORK EXPERIENCE

June 2019 – December 2021

Tutorial Assistant, University of Iringa, Tanzania



+255689284212



franksam018@gmail.com

/samsonfr@nm-aist.ac.tz



+255689284212



@graficrafter

MAJOR AREAS OF INTEREST IN ICT



ICT for Education



Machine Learning



Computer Security



Open source



Scan My VideoStory



FAMINA AYEBAARE



Ugandan



English, Runyankore,
Luganda

MSc EMOs track: Mobile
Systems



BSc. Information Technology, Makerere University, Uganda



ACHIEVEMENTS & CERTIFICATES

Certificate CCNA1 Cisco Networking Academy, Makerere University Uganda, 2019



PROFESSIONAL SKILLS

Python Programming



Java Programming



SQL



IT Project Management



Systems Administration



Networking



Hardware Maintenance



WORK EXPERIENCE

October 2021 –December2021

Executive Assistant, Action Group for Health,
Human Rights and HIV/AIDS, Uganda

December 2020– April 2021

IT Support Assistant, Electoral Commission,
Uganda



0712782772



ayebaref@nm-aist.ac.tz



+256704772662



@ayebscindy

MAJOR AREAS OF INTEREST IN ICT



ICT to prevent gender based Violence



ICT for Health



Aerospace Robotics



Scan My VideoStory



EZECHIEL NIYONZIMA



Burundian



Kirundi, French,
English, Swahili

MSc EMoS track: Embedded Systems



BSc in Networks and Telecommunications, University of Burundi, Burundi



ACHIEVEMENTS & CERTIFICATES

Certificate in Infinity group training in collaboration with the international NGO Spark, 2021

Certificate in the company recognized by the law of the Young called United Youth Company as as director of finance,2020.

Certificate in World English Institute ,2022



PROFESSIONAL SKILLS

Computer Networking



C /C++ programming



Php/MySQL



Python Programming



Adobe Photoshop



ODK Collect tool



MATLAB



WORK EXPERIENCE

September 2020-
December 2021

United Youth Company,Burundi

January 2020- Jun 2021

Internship in National and Radio
Television of Burundi

January 2021 – July
2021

Temporary Teacher at great Lakes
Technical High School, Bujumbura-
Burundi

+255765816754



ezechielniyonzima79@gmail.com



+255765816754

MAJOR AREAS OF INTEREST IN ICT



Networks and
Telecommunications



Embedded Systems for industries



Internet of Things



Scan My VideoStory



ELVIRA KHWATENG



Kenyan



English, Swahili

MSc EMOs track: Mobile Systems



BSc Business Information Technology, Jomo Kenyatta University of Agriculture and Technology, Kenya



ACHIEVEMENTS & CERTIFICATES

EXAKT4YOU Innovation Workshop, Germany, 2022

Systematic Review and Meta-Analysis, The African Science Partnership for Intervention Research Excellence (ASPIRE), Tanzania, 2022

Atlas Corps Global leadership lab, by Atlas Corps Inc, United States of America, 2020



PROFESSIONAL SKILLS

Python Programming



Java Programming



PostgreSQL



LMS (canvas, Moodle)



Salesforce CRM



Flutter



WORK EXPERIENCE

January 2020 – October 2021

Blended Learning Specialist, Per Scholas, United States of America

+255766666389

elvirakhwatenge@gmail.com

+12028919106

@3Elviralk

MAJOR AREAS OF INTEREST IN ICT



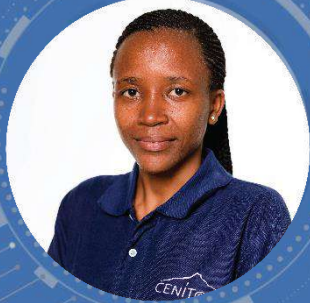
Augmented Reality for education



Assistive technology



Scan My VideoStory



DORCAS KISWAGA



Tanzanian



English, Swahili

MSc EMoS track: Embedded Systems



BSc Computer Science, National Institute of Transport (NIT), Tanzania



ACHIEVEMENTS & CERTIFICATES

Certificate in Information and communication Technology, National Institute of Transport Dar es Salaam, Tanzania 2017

Cisco Certified Networking Associate, Dar es Salaam Institute of Technology, Tanzania ,2015



PROFESSIONAL SKILLS

C# programming



HTML



SQL



CSS



Vb.net



Networking



WORK EXPERIENCE

July 2019 – September 2019

Network Operation Centre (NOC).Nokia Solutions and network, Tanzania

July 2018 – September 2018

IT Officer, Hubert kairuki Memorial University, Tanzania



0652 575 751/ 0685 249 921



dorcaskiswaga@gmail.com



0652 575 751

MAJOR AREAS OF INTEREST IN ICT



Computer Networking



Maintenance of hardware and software



Scan My VideoStory



DESIRE ASIIMWE



Ugandan



English, Runyankole,
Luganda, Kiswahili

MSc EMOs track: Mobile
Systems



Bachelor of Information Systems, Muni University, Uganda



ACHIEVEMENTS & CERTIFICATES

Study of the United States Institute (SUSI) on Women leadership at University of Delaware, USA, 2019

Huawei Seeds for the Future training at Huawei Headquarters in Shenzhen China, 2019

Certificate of Excellence as a research assistant and country co-investigator (Uganda) for the Global Leadership and Organizational Behavior Effectiveness (GLOBE) 2020



PROFESSIONAL SKILLS

Python Programming



Networking



SQL



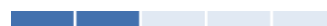
System analysis



Graphics Designing



Machine learning



IT Project management



WORK EXPERIENCE

February 2020 – December 2022

IT Help Desk Engineer, MTN Uganda

August 2019 – January 2022

Quality Control Engineer, Huawei Technologies (Uganda) Co., Ltd, Uganda

June 2018 – August 2018

IT Intern, Uganda Human Rights Commission, Uganda



+255 768 254 365



asimwed Desire@gmail.com



+256 775 896 589



@DesireAsimwe1

MAJOR AREAS OF INTEREST IN ICT



IT Projects management and auditing



Systems Analysis



Machine learning for mental health support



Scan My VideoStory



BENJAMIN NTWALI



Rwandese



English, French,
Swahili, Kinyarwanda

MSc EMoS track: Embedded
Systems



BSc Computer and Software Engineering, University of Rwanda, College of Science and Technology, Rwanda



ACHIEVEMENTS & CERTIFICATES

Impact Hub, Smart City competition, RWANDA, 2019

JCertif, University of Rwanda, College of Science and Technology, 2014/Java Training Certificate.

Android Wi-Fi Controlled RC plane.

Design, Build and Test Batteries for Electric Motorcycle.



PROFESSIONAL SKILLS

Python and Java Programming



PHP, SQL, C++, Flask and HTML



BMS, CAN programming and Battery
Quality checking.



Vehicle controller programming



Android, Desktop application design



Dyno Scripting and power Test operation



LaTeX documentation



WORK EXPERIENCE

June 2020 – Dec 2021

Electrical Engineer, Ampersand ltd, Rwanda

May 2018 – June 2020

System Engineer, Ampersand Electric
Motorcycle ltd, Rwanda

Dec 2016 – May 2018

Smart Irrigation Embedded developer, Smagri
ltd, Rwanda



+255766460817, +250783319495



bemunsii@gmail.com



+255766460817, +250783319495



@bemunsii

MAJOR AREAS OF INTEREST IN ICT



Drones for agriculture and
Health



ICT for Health



Electric vehicle mobility



Scan My VideoStory



AMUKI JOSEPH KESI AJU



South Sudanese



Arabic, English

MSc EMoS track: Mobile Systems



BSc Computer Science, University of Juba, South Sudan.



ACHIEVEMENTS & CERTIFICATES

Certificate in Graphic Design, ICT Specialists, Uganda, 2019

Certificate in Computer Applications, Danish refugee Council, South Sudan 2009



PROFESSIONAL SKILLS

Vb.Net

Html

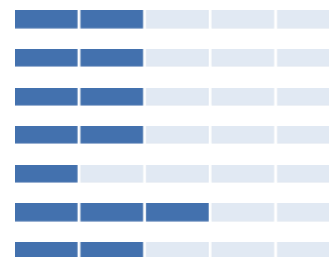
SQL

Php Programming

Machine Learning

Mobile apps

IoT



WORK EXPERIENCE

Oct 2018 – Jun 2019

Data Clerk, Windle Trust International, South Sudan

Nov 2017 – Sep 2018

Network Engineer, Huawei Technologies Juba, South Sudan

March 2008 – Sep 2008

Research Assistant, Family Health International, South Sudan

+255764481637

ajua@nm-aist.ac.tz

+211923722001



MAJOR AREAS OF INTEREST IN ICT



Smart Agriculture



Mobile systems for Health



Machine Learning



Scan My VideoStory



ANGEL CHARLES OGARE



Tanzanian



English, Kiswahili,
Chinese

MSc EMoS track:
Embedded Systems



BSc Telecommunication Engineering, Shenyang aerospace University, China.



ACHIEVEMENTS & CERTIFICATES

Gold prize, in recognition of exemplary achievements and good performance in progressive assessment 2016, Shenyang aerospace university China

Second prize, in recognition of exemplary achievements and good performance in progressive assessment 2017, Shenyang aerospace university China

Best entrepreneur award certificate from Tanzania association Shenyang China 2020.



PROFESSIONAL SKILLS

Python Programming



Circuit Design



C++ Programing



Networking



Embedded C



WORK EXPERIENCE

January 2021 – To-date

Managing Director at Aheep nursery and primary school

July 2018- September 2018

Internship at ZTE company in China



+255784410507



ogareangel@gmail.com



+255767369870

MAJOR AREAS OF INTEREST IN ICT



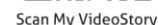
ICT for Agriculture



ICT For Education



Artificial Intelligence



gakb@nm-aist.ac.tz

+255764543334

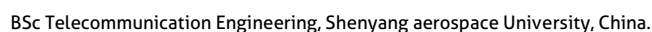
@gak_bul

MAJOR AREAS OF INTEREST IN ICT



English, Kiswahili,
Arabic, Dinka

MSc EMoS track: Embedded Systems



Certificate of Training, Photovoltaic Technology & Energy Efficiency, Cairo-Egypt, 2019

Certificate of Participation, Seminar on Rural New Energies for Developing Countries, Biogas Institute of Ministry of Agriculture (BIOMA), Chengdu-China 2018

Certificate of Training ,Data collection, Analysis using STATA and Reporting Writing, Eastern Africa Statistical Training Centre (EASTC) Campus, Dar es Salaam,2016

PROFESSIONAL SKILLS



C/C++ Programming

MATLAB/Simulink

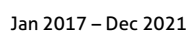
SCADA/PLC Programming

Python programming

Arduino Programming

Machine Learning

WORK EXPERIENCE



Teaching Assistant, University of Juba,
South Sudan

Aug 2017 – Oct 2021

Instructor,Starford University College
,South Sudan

April 2017 – July 2019

Electrical Technician, South Sudan
Electricity Corporation (SSEC), South
Sudan



Scan My VideoStory



CARMEL NKESHIMANA



Burundian



English, Kiswahili,
French, Kirundi

MSc EMOs track: Mobile
Systems



BSc Computer Science, Lake Tanganyika University, Burundi.



ACHIEVEMENTS & CERTIFICATES

Development of a web application for class and Class dairy processing, Lake Tanganyika University, Burundi, 2019

Participation in Data Science Africa (2022), DSA, 2022

A.C.P.C.D. (Allocation of classrooms and processing of the class dairy usage), Burundi Lake Tanganyika University, 2019



PROFESSIONAL SKILLS

Python Programming



Java Programming



SQL



Machine Learning



PHP, HTML, CSS, JQUERY, JAVASCRIPT



Artificial Intelligence



Android development



WORK EXPERIENCE

November 2018 – December 2021

Web Developer, Inspired Business Ideas, Burundi

May 2018 – November 2018

Internship in ICT, Lake Tanganyika University, Burundi



+255759158795/+25779172691



carmelnkeshimana2020@gmail.com
nkeshimanac@nmaist.ac.tz



+255759158795



@NKESHIMANACarm3

MAJOR AREAS OF INTEREST IN ICT



Artificial Intelligenve



Mobile Applications



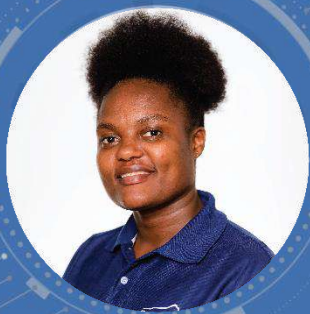
Machine Learning for health



Internet of Things



Scan My VideoStory



ELINAIKE O. MATHERU



Tanzanian



English, Kiswahili,

MSc EMoS track: Mobile Systems



BSc Information Technology, Arusha Technical College (ATC), Tanzania.



ACHIEVEMENTS & CERTIFICATES

Certificate of Academic Excellence, Arusha Technical College, Academic year 2019/2020

Certificate of Training, Tanzania Telecommunication Company Limited (TTCL), Tanzania, 2012 & 2018

Certificate of Training, ALKAN FOR COMMUNICATION & INFORMATION TECHNOLOGY S.A..E, Tanzania, 2018



PROFESSIONAL SKILLS

Web & System Design & Develop



Embedded system design



Mobile Application Development



Database Design & Management



Graphics Design



Computer repair & maintenance



System and network administration



WORK EXPERIENCE

July 2021 -Current

ICT Officer, Tanzania Broadcasting Corporation (TBC), Tanzania

January 2015 – June 2021

Technician, Tanzania Broadcasting Corporation (TBC), Tanzania

August 2014 – December 2014

Self-employed, Forever Living Products (FLP), Tanzania

+255767852822 / +255718152822

matherue@nm-aist.ac.tz

+255767852822

@NaikeNkya

MAJOR AREAS OF INTEREST IN ICT



Computerized Systems



Mobile Applications



Machine Learning for health



Big Data



Scan My VideoStory



INNOCENT KITAUKA



Tanzanian



English, Kiswahili,

MSc EMoS track: Mobile Systems



BSc Computer Science, Ruaha Catholic University (RUCU), Tanzania.



ACHIEVEMENTS & CERTIFICATES

Participating in the committee for establishing the regulations, laws, and reviewing of the User Matrix of Local Government Revenue Collection Information Systems (LGRSIS), Tanzania, 2019

Systematic Review Training at Nelson Mandela, Afrique Aspire Project, 2022/certificate of Research and Systematic Review



PROFESSIONAL SKILLS

Python Programming



Java Programming



IT Project management



IoT and Smart Systems



HTML/CSS/PHP



Android Development



Computer Networking and Security



WORK EXPERIENCE

January 2021 – Now

ICT officer, Tengeru Institute of Community Development (TICD), Tanzania

January 2009 – January 2021

ICT officer, Arusha City Council, Tanzania

August 2018 – November 2018

IT Specialist (Internship), African Institute on People's and Human Rights, Tanzania



+255769385933



innocent.kitauka@tcd.ac.tz



+255769385933



@kitauka

MAJOR AREAS OF INTEREST IN ICT



Cyber Security



IOT Security



Machine Learning for health



Big Data



Scan My VideoStory



TUMUSIIME KWIRINGIRA



Ugandan



English, Kiswahili,
Luganda

MSc EMOs track: Embedded
Systems



BSc. in Computer Engineering, Makerere University, Kampala-Uganda.



ACHIEVEMENTS & CERTIFICATES

Participated in the Summer School at NM-AIST – Entrepreneurship for Innovation (2022)

Participated in the Data-Science Africa Summer-School & Workshop event (DSA-Arusha-2022).

Industrial Training in Control Systems & Automation, – 2018, Jinta Machinery Group Co. Ltd – Shandong, China.

Certificate in Beginner Kiswahili received at NM-AIST-2022

Designed and developed a GSM based smart Irrigation System, 2014, Makerere University, Kampala-Uganda.



PROFESSIONAL SKILLS

Python & Java Programming



C/C++



Embedded C & Assembly



PCB Design



CNC/3D-Printing



Machine Learning / Artificial
Intelligence



I.T Project Management



MAJOR AREAS OF INTEREST IN ICT



IoT & Embedded Systems Design



TinyML (Machine Learning for
Embedded Systems)



Robotics and Drone Technology



Autonomous Vehicle Technologies



WORK EXPERIENCE

May 2018 – Present

Founder, SonaLabs Electronics, Uganda.

Jan 2019 – December 2021

Control Systems Engineer, Leading
Exporting Co. Ltd, Uganda

July 2015 – December 2018

Network Systems Engineer, Leading
Distillers (U) Ltd, Uganda

August 2012 – May 2013

Tutorial Assistant of Engineering
Mathematics at CEDAT, MUK.



Scan My VideoStory



PACIFIQUE NIYONGABIRE



Burindian



English, Kiswahili,
French, Kirundi

MSc EMoS track: Embedded
Systems



BSc in Computer Engineering, University of Burundi, Bu+255767852822rundi.



ACHIEVEMENTS & CERTIFICATES

Fixed telephone subscriber management system, Onatel Burundi, 2020

Geographic Information System (GIS) training, Mediabox Burundi, 2020

DANDAZA, The inventory management solution that helps to digitize, simplify, and automate stock and flow management, Burundi, 2021.



PROFESSIONAL SKILLS

PHP, JavaScript, HTML/CSS

MySQL/SQL/MSQL Server/Oracle

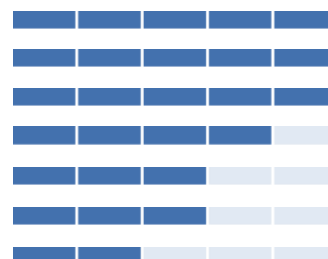
Graphics Designs and Videography

C/C++ Programming

Java Programming

Mobile Application Development

Python Programming



WORK EXPERIENCE

July 2021 – Sept 2021

Web Programming Facilitator, BICADEC, Burundi

April 2021 – Jan 2021

Software developer, Mediabox, Burundi

June 2019 – Dec 2020

ICT Manager, United Youth Company, Burundi



+255 766389520



niyodonpaci@gmail.com



+257 71583079



@niyo_don

MAJOR AREAS OF INTEREST IN ICT



Cyber Security



IOT For industrial Automation



Software development



Scan to go to <http://www.cenit-ea.org/>



Deutscher Akademischer Austauschdienst
German Academic Exchange Service



hochschule mannheim



Deutsches Zentrum für Luft- und Raumfahrt
German Aerospace Establishment



Moi University
Tradition of knowledge



University of
Dar es Salaam



KABALE UNIVERSITY
KNOWLEDGE IS THE FUTURE



UNIVERSITY OF
TECHNOLOGY AND
ARTS OF RWANDA



UNIVERSITE DU BURUNDI
Le premier du service



UNIVERSITY
OF RWANDA

CONTACT

Nelson Mandela African Institution for
Science and Technology (NM-AIST)

P.O. Box 447

Arusha, Tanzania

Phone: +255 272 970001

Fax: +255 272 970016

Mobile: +255 767 677580 / +255 784 777580

E cenit@nm-aist.ac.tz

I www.cenit-ea.org

 @EaCenit

 [centre_of_excellence_for_ict](https://www.instagram.com/centre_of_excellence_for_ict)

 <https://facebook.com/EaCenit/>

Devotha Nyambo, PhD

Industry Liaison and

Outreach Coordinator

E devotha.nymabo@nm-aist.ac.tz

Judith Leo, PhD

Industry Liaison and

Outreach Coordinator

E judith.leo@nm-aist.ac.tz

