

CURRICULUM VITAE OF ARIM ANDREW



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PERSONAL DOSSIER:

Date of Birth: 03-04-1984

Place of Birth: Dokolo District

Languages: English, Luo, Arabic, & German (Weak)

Passport Number: A0061364 **Validity:** 26-04-2019 - 25-04-2029

Marital Status: Married

BIBLIOGRAPHY/ABILITIES:

I am an experienced, anti-low hanging fruit, and well-travelled ICT professional with over 14 years of work experience. My career has spanned technical support, teaching and research, Enterprise Architecture, cybersecurity, systems and software design, implementation and development. Over the years, I have built a lot of experiences, including but not limited to;

- Experience designing and implementing solutions for medium to large-scale technical projects – including supervising engineers and software developers.
- Advise for ICT budgets, contracts and procurement.
- Experience in curriculum design and teaching.
- Excellent written and verbal communication skills, with an eye for detail.
- Experience in ICT Policy development and strategic planning.
- Experience in Enterprise Architecture and ICT infrastructure design.
- Experience with ICT hardware, cyber security, IT risk, mobile and web-based technologies.
- Experience in supporting and coordinating project activities across a large organization and with other international partner organizations.
- Proven ability to interact diplomatically with high-level officials, as well as experience working directly with community-level partners.
- Proven skills in negotiation, networking, strategic thinking, and advocacy.

KEY SKILLS/TECHNICAL EXPERIENCE

Proficient or familiar with a vast array of programming languages, concepts and technologies, including, the following:

Topic	Details
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Languages:	C, C++, Python, Core Java, VB.NET, Linux shell scripts, HTML/DHTML, JavaScript, PHP, ASP(X), CSS. ADDO/ADDO.NET, VB Script, SQL, XML/XSL
Platforms:	Windows 7/8/10/11, Linux (Red hat, Ubuntu, Fedora, Yellow dog), Windows Server 2003/2008/2008 R2/2012/2016/2019 and Linux and UNIX Server, SharePoint Server, Apache/Tomcat, WebSphere Suite, VMware's vSphere 6, OpenStack, Exchange Server.
Concepts:	Cloud Computing, Open-Source programming, Systems Integration Planning, Enterprise Architecture, e-Education/eLearning, Cybersecurity, Containerization, Operating Systems, Networking, Database Management and Programming, Web Applications Development, Mobile Applications Development, ICT Project Development and Management, ICT for Development, Enterprise Mobility Management (EMM), SQL Report Automation, Human-Computer Interface, Continuity of Operations (COOP), Mobile Device Management (MDM), Digital Home Technology Integration, Next Gen Data Center Design.
Database Management Systems:	Microsoft SQL Server (2005/8/12/14/19), MySQL, Oracle (9i,10g,11g)
Server Hardware:	Dell PowerEdge Server series (1950, 2950, 2900, R730 etc), HP ProLiant Server series
Tools/Applications:	NetBeans IDE, Visual Studio IDE, Microsoft Project, Visio, ArchiMate, Eclipse IDE, Corel Draw, SPSS, ROXIO, Retrospect Backup Studio, SysAid, LAN Manager, ISS Realsecure, Checkpoint firewall, Norton firewall and Ghost, Excel Power Query, Tableau (Biz Intelligence), MacAfee/Norton Virus Protection utilities, HP OpenView, Network Flight Recorder, IBM Tivoli, Tripwire, Snort, Brio Enterprise Reporting Tools, X10., Diligent GRC
Computer Networking, Voice & Data Communication:	LAN/WAN Technologies, Ethernet & Fast Ethernet, PGP, TCP/IP, Secure ID, FDDI, VPN, Token Ring, PKI, HIPPA, ISO/OSI, Cisco, Juniper, Skype for Business.

PROFESSIONAL CERTIFICATIONS AND TRAINING

Title	Organization	Date Awarded/Attended
Ubiquitous Learning and Instructional	University of Illinois/Coursera	25-08-2022

Technologies		
Information Systems Auditing, Controls and Assurance	The Hong Kong University of Science and Technology/Coursera	27-07-2022
Practical Teaching with Technology	University of London/Coursera	30-06-2022
Digital Transformation Professional	Dartmouth College/Coursera	28-03-2022
Online Learning Design for Educators	Macquarie University/Coursera	01-11-2021
Data Protection	CANCOM Public GmbH - Germany	12-05-2020
Information Security	CANCOM Public GmbH - Germany	14-03-2020
Learning Technologies and Applications	University of Illinois/Coursera	11-01-2020
Cyber Security Service	CANCOM Public GmbH - Germany	28-04-2019
Leading Teams: Developing as a Leader	University of Illinois/Coursera	02-05-2019
Decentralized Finance (DeFi): The future of finance	Duke University/Coursera	14-02-2019
Fintech: Foundations and applications of financial technology	University of Pennsylvania/Coursera	30-12-2018
Cloud Computing Applications	Indian Institute of Technology/Coursera	18-09-2018
Social Media Management	Meta/Coursera	28-01-2018
Cisco Certified Network Associate (CCNA)	CISCO Systems Inc.	2010
Customer Service Training	MTN - Uganda	2009

ACHIEVEMENTS AND AWARDS

Title	Organization	Date Awarded
IT Team of the quarter	MTN - Uganda	08/01/2010
Certificate of Achievement	MTN - Uganda	01/Oct/2008

PROJECT HIGHLIGHTS

- Software Quality Assurance Manager – Appen Technologies: Project Crescent and Project Lummi May 2021- Dec 2022
- Project Lead Front Office – INTERPOL/West Africa Police Information System (WAPIS) Project covering 16 countries in West Africa 2017 – 2022 with a budget of Euros 27,650,000
- Consultant in design, development and training on Learning Management System for All Saints University, www.asulms.ac.ug Aug 2020 to Aug 2021
- Project Lead - KfW Development Bank/Ministry of Education – Malawi: Tablets for Talent Development Project, 2020.
- Project Lead – UNDP Uganda: Supply and Installation of Video Conferencing System for Judiciary of Uganda, 09 - 2020
- Project Lead – UNFPA: Procurement and Installation of IT equipment for the Country Office in Guinea-Bissau. Reference: UNFPA/GNB/RFQ/04/2019
- Project lead on Campus digitalization project for All Saints University – Feb 2020 to Dec 2021
- Project Lead for UNDP-funded digitalization of elections commission project – Freetown, Sierra Leone with a budget of USD 2.3 M. – 2017-2018
- Project lead for a donor-funded (Capacity Building Trust Fund-CBTF) government digitalization project titled “Ministry of Finance and Economic Planning IT Support Phase II” with a budget of USD 1.8M – Juba, South Sudan. Jul 2013 – April 2014
- Built a number of websites and portals including: asul.ac.ug; asulms.ac.ug; locei.org; globalinkafrika.org.

PUBLICATIONS AND PRESENTATIONS

- Arim, A (2024), Digital Climate Resilience in Low and Middle-income Countries (LMICs): Leveraging Affordable Technologies for Climate Adaptation and Sustainable Development in Uganda, In Proceedings of the Annual Church of Uganda Heads of Institutions of Higher Learning (COUHELA) Research Conference 2024, 4th September, Kampala – Uganda.
- Arim, A (2024), Mobile Technology for Augmenting Healthcare Delivery in Rural Areas in Uganda. In Proceedings of the Annual Ndejje University Research Symposium 2024, 18th July, Ndejje - Uganda.

- Arim, A (2022), Maximizing data sovereignty through Cloud Storage Governance (CSG), In Proceedings of the Annual Nkumba University International Research Conference 2022, 4th-November, Entebbe – Uganda.
- Arim, A. and Wamema, J. (2022) “Towards an Improved Framework for E-Risk Management for Digital Financial Services (DFS) in Ugandan Banks: A Case of Bank of Africa (Uganda) Limited”, Journal of Information and Organizational Sciences, 46(1). doi: 10.31341/jios.46.1.6.
- Arim, A (2022), A socio-technical approach to Digital Financial Services risk management in banks, Journal of Technology Management and Innovation (JOTMI)

EDUCATION

University/College/School	Dates Attended	Qualification Obtained/To be Obtained
Kabarak University - Kenya Website: www.kab.ac.ke	2025 – To Date	Ph.D. In Information Technology Thesis Title: “An Enterprise Architecture-Based Interoperability (EAI) Model for Strengthening Digital Education Systems in Developing Countries.”
Uganda Martyrs University Website: www.umu.ac.ug	2017 - 2020	Master of Science in ICT Management, Policy and Architectural Design; CGPA:4.03 out of 5.0 (Credit) Dissertation Title: “E-Risk Management Framework for Digital Financial Services (DFS) in Banks: A case of Bank of Africa (U) Limited.”
Makerere University Website: www.mak.ac.ug	2005 - 2008	Bachelor of Information Technology; CGPA: 4.11 out of 5.0 (Second Class - Upper Division)
Kisiki College - Namutumba District	2003 - 2004	Uganda Advanced Certificate of Education (UACE)
Faith Secondary School - Lira District	1998 - 2002	Uganda Certificate of Education (UCE)
Ogur Primary School - Lira District	1991 - 1997	Primary Leaving Examinations (PLE)

WORK EXPERIENCE

LIRA UNIVERSITY – Lira, Uganda

Position: Grants Officer **Station:** Lira

Date: November 2025 - To date **Website:** www.lirauni.ac.ug

- Strategic Funding Intelligence
- Grant Writing and Narrative Editing
- Institutional Capacity Building
- Proposal Development and Strategy
- Regulatory Compliance and Quality Control
- Facilitating Multi-Disciplinary Collaborations
- Budget Formulation and Negotiation
- Financial Reporting and Auditing,

LIRA UNIVERSITY – Lira, Uganda

Position: Assistant Lecturer (Information Technology) **Station:** Lira

Date: August 2024 - To date **Website:** www.lirauni.ac.ug

- Design the course, construct tests, prepare materials, grade assignments, teach class sessions.
- Work with students one-on-one; learn about problems they are having with the course material.
- Grade tests, assignments and exams.
- Perform research, publications and attend conferences.
- Meet scheduled classes and lead discussions, answer questions, clarify materials.
- Make independent decisions about the course including the course design, the types of tests to use, and how to grade students work

EBENEZER UNIVERSITY – Lira, Uganda

Position: Part Time Lecturer (Information Technology) **Station:** Lira

Date: August 2023 – Dec 2023 **Website:** www.ebenezeruniversitylira.ac.ug

- Same as above

ALL SAINTS UNIVERSITY LANGO – Lira, Uganda

Position: Lecturer/HoD (Information Technology); Research Coordinator; E-Learning Consultant **Station:** Lira

Date: Jan 2023 - To date **Website:** www.asul.ac.ug

Duties and Responsibilities.

As above

NKUMBA UNIVERSITY - Entebbe, Uganda

Position: Lecturer (Information Technology) **Station:** Entebbe, Kampala

Date: Jan 2022 – Dec 2023 **Website:** www.nkumbauniversity.ac.ug

Duties and Responsibilities.

As above.

CANCOM PUBLIC GmbH - Berlin, Germany

Position: ICT Consultant (Enterprise Systems & Architecture) **Station:** Kampala and Roving (Africa region)

Date: 2017 to 2022 **Website:** www.cancom.com

Duties and Responsibilities.

- Evaluate internal business functions, development strategies and ICT processes and suggest improvements.
- Create business, data, application, and technology architecture models to reflect the organization's strategies and goals and create and implement business visions and goals.
- Create methods for compliance architecture, including data storage, metadata management and change control
- Evaluate and assess ICT systems, data governance practices and ICT risk mitigation measures.
- Design innovative threat and security architecture and incident management solution.
- Identify and recommend appropriate digital risk management frameworks/strategy
- Conduct cyber intelligence analysis and awareness through collaboration with other internal and external experts
- Provide guidance during ICT Procurement and Expert Technical Assistance.

MINISTRY OF HIGER EDUCATION, SCIENCE & TECHNOLOGY - South Sudan

Position: Consultant - Computing Curriculum Reader

Station: Juba - South Sudan **Date:** May-2016-June 2016

Duties and Responsibilities:

- Ensure learning theory and technical knowledge is used to create an educational experience for learners that successfully teaches them new information or improves their skill level.
- Ensure the effective design of the process including assessing learner needs and styles, defining learning objectives, creating the learning environment and content materials.
- Evaluating the effectiveness of the curriculum.
- Work closely with colleagues and other educators to determine needs throughout the curriculum design process.

UNIVERSITY OF JUBA - South Sudan

Position: Assistant Lecturer (Information Technology)

Station: Juba - South Sudan **Date:** Feb-2016-Dec 2016

Duties and Responsibilities:

- Same as below

CAVENDISH UNIVERSITY

Position: Assistant Lecturer **Date:** Feb-2016-Dec-2016 **Website:** www.cavendish.ac.ug

Duties and Responsibilities:

- Construct tests, prepare materials, grade assignments, teach class sessions.
- Work with students one-on-one; learn about problems they are having with the course material.
- Grade tests and exams.
- Meet scheduled classes and lead discussions, answer questions, clarify materials.
- Motivate students in a creative direction even though the end product is not clearly defined.

KAMPALA UNIVERSITY – Kampala, Uganda

Position: Assistant Lecturer

Date: Aug 2014 – Aug 2015 **Website:** www.ku.ac.ug

Duties and Responsibilities: same as above

ONLINE DATENSYSTEME GmbH - Berlin, Germany

Position: Consultant & Project Manager **Station:** Juba-South Sudan, Khartoum-Sudan

From: Jul - 2013 to Feb - 2014

Duties and Responsibilities.

- Develop guidelines and procedures for: The maintenance of the Primary Data Center (PDC) and Disaster Recovery Center (DRC) based on international best practices.
- Deliver, install, and configure IT infrastructure, hardware, and physical works including a physical LAN, a DRC, and a WAN.
- Develop an IT Inventory database detailing total IT Assets, technical specifications, department, general condition and other detail in electronic and hard copy.
- Prepare and document an Integrated Enterprise IT Architecture, showing how the spending agencies and other government institutions will be connected to the new modular PDC and the DRC.

- Develop suitable documentation standards, document the entire IT infrastructure set up, specifying the IP address scheme and complete network architecture, both in electronic and hard files format.
- Train/educate IT staff on the Learning Management System, IT design, Prepare IT policies, guidelines and documentation.
- Prepare and implement a data back-up strategy replicating all mission critical applications running at the PDC to the DRC.
- Design and implement a data backup system for the mission critical databases and applications.

MTN – Kampala, Uganda

Position: Client Support Administrator **Station:** Kampala-Uganda

From: Sept 2008 – Dec 2010 **Website:** www.mtnuganda.com

Duties and Responsibilities.

- User Administration and Management and file systems creation.
- Verify that all peripherals are working properly.
- Quickly arrange repair for hardware and software in occasion of failure.
- Monitor system performance both manually and by use of specialized software.
- Install, configure and update software and setup security policies for users.
- Create backup and recovery policy.
- Monitor network communication.
- Update Operating System and Application software.
- Implement the policies for the use of the computer and the network.

NEWWAVE TECHNOLOGIES – Kampala, Uganda

From: Jan-2007 to Aug-2008 **Position:** Software Developer

Station: Kampala **Website:** www.newwavetech.co.ug

Duties and Responsibilities

- Full lifecycle application development, maintenance and troubleshooting
- Designing, coding and debugging applications in various software languages.
- Software, code, requirements analysis and review, risk analysis, reliability analysis.
- Front end graphical user interface design
- Software testing and quality assurance
- Performance tuning, improvement, balancing, usability, automation.
- Support, maintain and document software functionality
- Integrate software with existing systems

- Evaluate and identify new technologies for implementation
- Project Planning and Project Management

MAKERERE UNIVERSITY: DIRECTORATE OF ICT – Kampala, Uganda

Position: Systems Administrator (SA) Intern **Station:** Kampala

Date: May-Sept-2006 **Website:** www.dicts.mak.ac.ug

Duties and Responsibilities.

- Install new / rebuild existing servers and configure hardware, peripherals, services, settings, directories, storage, etc. in accordance with standards and operational requirements.
- Install and configure systems such as infrastructure applications and Asset Management applications.
- Contribute to and maintain system standards.
- Perform regular security monitoring, verification, and validation to identify any possible intrusions and integrity issues.
- Perform daily backup operations, create recovery tapes or disks and recycle media.
- Perform regular file archival and purge as necessary.
- Create, change, and delete user accounts per request.
- Repair and recover from hardware or software failures.
- Apply OS patches and upgrades on a regular basis, and configure / add new services, system software and applications as necessary.
- Perform periodic performance reporting to support capacity planning.

REFEREES

Names	Position & Organization	Contact
Mr. Till Schwitalla	Managing Director– COCOSOFT Group GmbH-Berlin, Germany; Formerly – Director International Operations: CANCOM Public GmbH, Berlin, Germany	Tel: +49 176 132 59507
Prof. Betty Akullu Ezati (Ph.D)	Dean – School of Education, Makerere University	Tel: +256 772 467 183 Email: itaze@yahoo.com
Hon. Levi Okodi Macpio	Special Adviser to the President of the Government of Uganda	Tel: +256 772 834 388

DECLARATION

I hereby declare that the above written particulars are true to the best of my knowledge and belief.

Signature:

ANDREW ARIM