

**Moses Byaruhanga**

**Systems Librarian Fellow-Busitema University**

**ORCID: <https://orcid.org/0009-0006-8106-1535>**



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## **CONTACT INFORMATION**

**Email: [mosesbyaruhanga155@gmail.com](mailto:mosesbyaruhanga155@gmail.com)**

**Address: Tororo, Uganda**

**Phone: 0778-235475/0706-958242**

**Date of Birth: Feb 15, 1995**

**Nationality: Ugandan**

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## **PERSONAL PROFILE**

I possess experience in digital crime investigations and specializing in crime scene events reconstruction, web development with java, html, C#, PHP, JavaScript and bootstrap framework for front end designing. 4 years' experience in server management and hosting services plus mysql and postgresql database management with apache web server and nginx.

Desktop application development and mobile application development with android studio is also my expertise. Using these, I developed a SACCO management system used by around three companies in Kampala including KIPTCOS (Kampala Iris Potato Traders Cooperation Sacco).

In the university setting and given new technology era, a generalized mobile application for all university systems is required which I can possibly develop

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## **EXPERIENCE**

**Busitema University, Tororo**  
**May 2024 – Present**

**Assistant Information Technology Officer – Web systems**

In this role, am currently assisting on the day to day running of all university web-systems and websites. The core duties include managing the cpanel for the Busitema domain, managing and aiding in installation all other IT systems available at the university and more.

**Busitema University, Tororo**

**Systems Librarian Fellow**

**March 2021 – May 2023**

Under supervision of the Systems Analyst, I have archived a number of targets while in this position which are not limited to; Developed the University Library Website (library.busitema.ac.ug), Developed the research guides site (researchguides.busitema.ac.ug), Designed and implemented a full-text database to be integrated in the library system (koha). All these run on linux based server.

**Natinal Council for Higher Education, IT Systems Administrator (Internship)**

**Ntinda-Kampala**

Upgraded all computers to windows 10

**May 2019 – Aug 2019**

joined all computers to a domain server for centralized computing

Troubleshooting network problems, Computer operational challenges and organizational mail service

Maintained computer systems and software in a good running situation

**Sofitech Computer Solutions, IT Systems Administrator (Volunteer)**

**Tororo Town-Tororo**

Handled customer complaints with empathy and composure.

**Feb 2018 – Dec 2020**

constantly supervised the running systems to make sure they are in a better running situation

Answered calls, responded to emails, and spoke with clients face-to-face.

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**EDUCATION**

**Busitema University, Tororo**

**Master of Computer Forensics**

**Aug 2021 – Mar 2023**

**Graduated on 29<sup>th</sup>/November/2024**

**Busitema University, Tororo**

**Bachelor of Science in Computer Science**

**Aug 2017 – Mar 2021**

**Graduated with first class degree (4.72)**

**St Gonzaga SSS Kijukizo**

**Uganda Advances Certificate of Education**

**Feb 2015 – Nov 2016**

**Did PEM and completed with 15 points**

**St Gonzaga SSS Kijjukizo**

**Uganda Certificate of Education**

**Feb 2011 – Nov 2014  
aggregates**

**Completed in division one with 25**

**Biwolobo Primary School**

**Primary Leaving Examination**

**Feb 2003 – Nov 2010**

**Completed in division one with 12**

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## **LANGUAGES**

**English (Advanced)**

**Runyankore Rukiga (Native)**

**Luganda (Advanced)**

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## **SKILLS**

**Leadership skills   Server management**

**Communication Skills   Time management**

**Flexibility Interpersonal Team Work**

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## **CURRENT PROJECTS**

**1.** Working on the Directorate of Graduate Studies Research System (DGSRI) – GRMS (<https://grms.busitema.ac.ug>) and the staff reporting management system

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## **ACHIEVEMENTS**

- 1.** The Busitema University E-Voting System (<https://ivote.busitema.ac.ug>), Main Website, Staff Directory, Institutional Repository and other sites
- 2.** A fully developed website of the library at Busitema University (<https://library.busitema.ac.ug>) under the supervision of the Systems Analyst.
- 3.** The Busitema University Staff Sacco System (<https://busacco.busitema.ac.ug>) and the DICTS help desk system.
- 4.** KIPTCOS system both Desktop and Mobile (play store)
- 5.** Research guides site of the library at Busitema University (<https://researchguides.busitema.ac.ug>) under the supervision of the Systems Analyst.

6. The Desktop Hospital Management System used by over 4 healthy institutions including Doctor Plus Solutions.
7. Directorate of graduate school research and innovation system
8. E-Voting system for Busitema University

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## RESPONSIBILITIES HELD

### **Programmer Team Lead (Busitema)**

I lead the team that is implementing and coding the system to digitalize the graduate studies research process from grants to individual student dissertations.

### **BUWUSA Speaker (2018-2019)**

I chief organizer and moderator for all the meetings where the association attained the highest income from businesses like printing t-shirts.

I managed to mediate the disagreements that had risen between the chairperson and the vice chairperson which would have led to the collapse of the association

### **Mr. BUWUSA (2017-2018)**

It was this term that I used to establish income generating projects ideas like farming. The ideas were taken up by the project manager and together as an association acquired land which up to now exists and generates income to the association

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## PUBLICATIONS

1. Smart School System for continuous student's assessment in high school. Published in 2020 by UTAMU  
(<https://www.utamu.ac.ug/ijotm/index.php/ijotm/article/download/74/75>)
2. Byaruhanga, M., & Ocen, G. (2025). An In-Depth Analysis of Existing Models for Reconstruction of Events Involved in A Computer Crime. East African Journal of Information Technology, 8(1), 287-296.  
<https://doi.org/10.37284/eajit.8.1.3208>

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## CONFERENCES ATTENDED

1. National Council for Higher Education Exhibition (Held at UMA show grounds).
2. Digital Skill Training sponsored by Google (Held at

Busitema University Nagongera Campus in the main Library).

3. Training of Trainers (TOT) held at Busitema University Tororo Learning Center for eMobilities

4 DEA training for network components configurations and systems held at Busitema University main campus in May 2022

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## REFERENCES

**Dr. Fredrick Kiwuwa Lugya**

University Librarian, Busitema University

Tel: 256 776 057 200

**Prof. Gilibert Gilibrays Ocen**

Senior Lecturer and Director ICT, Busitema University

Tel: 256 700 767590

**Dr. Lukyamuzi Andrew**

Full time lecturer at Busitema University

Tel. 256 701 472 107

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SIGN.....

DATE ...21<sup>st</sup>/August/2025...