

# NAMULIRA VIOLA

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namiliraviola18@gmail.com

+256753086672/+256770659705

## SUMMARY

Completed a Bachelor's degree of Science in Telecommunications Engineering at Makerere University with great interest in machine learning, artificial intelligence, microprocessor based systems, Networking, Internet of things..

- Radio frequency engineering.
- Deep learning.
- Machine Learning.
- Good at public speaking.
- An experience in natural language processing .
- Collaborative and good at proper time management.

## EDUCATION

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### **Makerere University**

**2019-2023**

Bachelor of Science in Telecommunications Engineering  
Cumulative GPA 3.88

### **Namirembe hillside high school**

**2017-2018**

Uganda Advanced Certificate of Education  
Points at UACE(Uganda Advanced Certificate of Education) - 16 points

### **St .Julian high school**

**2013-2016**

Uganda Certificate of Education  
Aggregate at UCE ( Uganda Certificate of Education) - 17 aggregate

## **HONORS AND AWARDS**

Uganda Institute of Professional Engineers scholarship recipient for final year.

Academic bursary recipient at high school , over 70% of my tuition was financed.

Academic bursary recipient O' Level where 100% of my school fees was paid.

Certificates as the mathematics society treasurer and vice president.

## **Internships and Training**

- Volunter at KTB

Obtained a great experience in various activities like configuration of the BTS (Base Station Transceiver), setting up the cabinet , fibre interconnections with power while setting up a new telecommunication mask.

- Volunter at ZTE

Obtained knowledge and skills about new mask telecommunication mask setup starting from the survey prior to the set up to full completion when the link is set up .

Obtained knowledge about link microwave link configuration.

Obtained knowledge about configuration of the link when fibre is used.

- Volunteer at RAN Engineering

Obtained a great competence in activities like microwave link survey planning and installation ,RF survey installation , upgrade and maintenance ,drive test , Rf decommissioning and RF optimization .

Obtained skills in setting up of a new base station .

- Interned at the Ministry of ICT and National guidance.

Obtained skills in networking using networking soft-wares like packet tracer.

Also obtained skills in PBX configurations and setting up an internet based public phone system.

Obtained knowledge about field work trips especially using questionnaires.

- Interned at Marconi lab Makerere University

Obtained skills in machine learning , deep learning specifically natural language processing , and website designing.

Obtained skills in working with different soft-wares such as Anaconda.

Worked with different IDEs such as Visual code studio , google colab and Thony.

- Attendee, at the Makerere Engineering Society lockdown Webinar focusing on public speaking and artificial intelligence .
- Attendee, at the Makerere Engineering Society incubation Program. An online-based training program designed to accelerate the growth and success of innovators within the University.
- Participant in the Women In Engineering Africa 2022 Student writing competition.
- Attendee of the Oaks and crown fellowship focused on leadership.

### **Training and Certification**

Project in Natural language processing.

Machine learning.

Project management.

Leadership.

## **ADDITIONAL INFORMATION**

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Languages: English, Luganda

Computer Skills: Microsoft Office, Computer programming (Python),machine learning, website designing

Other Skills: Public address, Leadership, motivational speaking along with team networking.  
Hobbies: Collaboration, Adventure, Innovation, Reading, and Motivation,

## REFERENCES

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- 1) Dr. Edwin Mugume Lecturer ,Department of computer and electrical engineering ,Senior Researcher ,netlabs .Makerere University [edwin.mugume@gmail.com](mailto:edwin.mugume@gmail.com) Tel: 0784031622.
- 2) Mr.Ssemakula Frank , lecturer( ECE ) Makerere University [ssemakulafrank@gmail.com](mailto:ssemakulafrank@gmail.com) Tel: 0706761865/0773500569.
- 3) Mr.Joseph Nsabinyumva Infrastructure engineer at the ministry of ICT and National guidance Tel: 0779221174/0703047053.