

# Judith Amutuhire

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in Judith Amutuhire

## Summary

Motivated Electrical Engineering student at Makerere University with a fervent interest in electronics. Dedicated to expanding knowledge and skills through continuous learning. Passionate about tackling new challenges and contributing to innovative solutions in the field.

## Education

**BS Makerere University**, Electrical Engineering

Sept. 2022 to present

- GPA: 4.58/5.0 ([Transcript](#))

## Experience and Internships

### Sales Assistant

Kamuli, Uganda  
Jan 2020 to Dec. 2020  
1 year

- Providing exceptional customer service
- Ensuring a positive shopping experience
- Managing inventory, conducting sales transactions, and maintaining a tidy and organized store environment

### Office Administrator

LiteSpeed Job Hub Limited,  
Uganda  
Jan. 2021 to Sept. 2022  
9 months

- Providing comprehensive administrative support, including document preparation, data entry, and calendar management
- Maintaining an organized office environment, managing files and supplies, and ensuring efficient workflow
- Facilitating effective communication within the office, handling phone calls, emails, and coordinating meetings
- Engaging with clients and visitors, providing a professional and welcoming reception and addressing inquiries

### Internship program on embedded systems and programming

NetLabs!UG, Makerere  
University  
June. 2024 to August. 2024  
2 months

- Building embedded systems using micro controllers like Arduino
- Using python programming in conjunction with other fields in engineering to solve problems
- Building machine learning models using knowledge in data science
- Circuit board design

### Volunteer as Deputy communications Lead

Computer Vision for  
Agriculture Hackathon  
2024, Makerere AI Lab  
Feb. 2024 to May. 2024  
3 months

- Looking for recruits to participate in the Vision for Agriculture Hackathon
- Looking for volunteers from different universities to work with in advertising the Hackathon
- Bridging communication gap between the participants and the technical team
- Managing the LinkedIn page for the Hackathon

### Internship program on e-waste

NetLabs!UG, Makerere  
University  
Feb. 2023 to present

- Building working computers and laptops from the e-waste available in the lab
- Terminating ethernet cables
- Conducting research on e-waste and finding solutions to the e-waste problem in the country

## Achievements

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<b>Class Coordinator</b> , Makerere University Academic Year 2022/2023 <ul style="list-style-type: none"><li>Organizing and managing class activities</li><li>Bridging communications between the students and the lecturers</li></ul>	Sept. 2022
<b>Certificate of participation</b> , Total Energies <ul style="list-style-type: none"><li>Obtained skills on safety in the workplace</li><li>Obtained knowledge on Renewable energy sources</li></ul>	Sept. 2023
<b>Renewable energy training session</b> , Department of Physics-Makerere University <ul style="list-style-type: none"><li>Obtained knowledge on all sorts of renewable energy sources</li></ul>	Aug. 2023
<b>Solar WorkShop Certificate</b> , CREEC <ul style="list-style-type: none"><li>Learning to install and manage solar in homes</li></ul>	Feb. 2024
<b>UV solar Training</b> , Remote Energy <ul style="list-style-type: none"><li>Learning to install and manage solar in homes</li></ul>	Feb. 2024
<b>Leadership program</b> , Do Well Do Good <ul style="list-style-type: none"><li>Learning to become a do well do good leader in my community</li></ul>	Dec. 2023
<b>Innovation Challenge</b> , Makerere Engineering Society <ul style="list-style-type: none"><li>Won second place in the innovation challenge organised by Makerere Engineering Society on CEDAT open day</li></ul>	Feb. 2024
<b>Academic Poster Presentation</b> , Integrated Smart Systems Group <ul style="list-style-type: none"><li>Won third place in the Academic poster presentation organised by ISSG a research group located in Makerere University</li></ul>	April. 2024
<b>Generation Youth Connect Envoy 2024</b> , International Telecommunications Union <ul style="list-style-type: none"><li>Was selected as the Generation youth connect ambassador Africa, a program organised by ITU for youth passionate about bridging the digital divide gap among the youth</li></ul>	April. 2024
<b>Computer Vision for Agriculture</b> , Makerere AI Lab <ul style="list-style-type: none"><li>Volunteered to work as the deputy communications lead for the hackathon</li><li>Worked on the classification and detection of diseases in maize and cocoa using AI and machine learning tools in a team of 3 members and we won third place and a cash prize of USD 200</li></ul>	Feb. 2024

## Referees

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**Dr. Jonathan Serugunda:** Lecturer Makerere University, serugthan@gmail.com, +256-776601601

**Dr. Edwin Mugume** Lecturer Makerere University, edwin.mugume@gmail.com, +256-784031622

## Technologies

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**Languages:** C++, C, python, LaTeX

**Software:** Visual Studio Code, multisim, AUTOCAD, ARDUINO, kiCad