

# Charles Karira

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## WORK EXPERIENCE

### Core Network Engineering Intern

Nowy Limited

*March to May 2021*

Worked on Radio Core Network management and interface links. Implemented network analytics and monitoring. Took part in signaling and network probing solutions tests and troubleshooting. Learnt GSM architecture technologies.

### Electronics Engineering Intern

Kenya Airports Authority

*July to October 2019*

Serviced and worked on baggage handling system on the airport terminals. Installation of radio telemetry for various fire stations. Replaced and serviced runway lights and flood lights.

### Instrumentation and Control Engineering Intern

Kenya Pipeline Company

*July to September 2018*

Actively worked on pipeline instrumentation and control for various actuators. Calibration of pipeline instruments and sensors as well as pump servicing and maintenance

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## EDUCATIONAL BACKGROUND

### Jomo Kenyatta University of Agriculture and Technology

Bachelor's Degree in Electronic and Computer Engineering

*2016 to Present*

Project: [Water Purifier](#)

### Los Angeles Trade Technical College

Certificate in Computer IT essentials

*2016*

### Pioneer Highschool

Kenya Certificate of Secondary Education

*2011-2015*

A (82 points)

## PROFESSIONAL SUMMARY

I'm a creative and collaborative electrical engineering student and web developer. Specializing in core network architecture and web development technologies.

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## SKILLS & PROFICIENCIES

- Web app development - JavaScript
  - Hardware Design and prototyping
  - IoT integration
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## VOLUNTEER WORK & ACHIEVEMENTS

### Volunteer Social

#### Digital Marketing and Social Media

Kenya Flying Labs

*October 2020 to March 2021*

Social media engagements

Posts and articles creation

Organized Kids training forum on drones

### Achievements

#### Efficiency for access design challenge 2021

Designed a solar water purifier and made a pitch presentation. Took part in final project challenge.

#### Huawei Seeds for future internship program 2020

Part of winning team and designed team video.