

NJOGU BRIAN BOB KIONGO

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PERSONAL PROFILE

A motivated learner focused on gradual and continuous self-improvement. I have a passion for IoT, TinyML and edge computing. I am motivated to provide quality solutions for Kenyan problems with the application IoT.

CAREER OBJECTIVE

My primary objective is to land a position that challenges my ability to solve problems by leveraging the power of embedded artificial intelligence and machine learning.

ACADEMIC QUALIFICATIONS

LUX Data Science East Africa

Data Science and Engineering

Thika, Kenya

Feb. 2023 - May 2023

Multimedia University of Kenya

B.Sc. Applied Physics and Computer Science
Second Class Honours, Upper Division.

Nairobi, Kenya

Sept. 2018 - Dec. 2022

Dedan Kimathi University of Technology

Siemens Mechatronics Systems Certification Program

Nyeri, Kenya

Jan. 2021 - April 2021

Nairobi School

Kenya Certificate of Secondary Education
B (Plain - 65)

Nairobi, Kenya

Feb. 2014 - Nov. 2017

Online badges:

1. Cybersecurity Awareness The Internet of Things IoT.
2. Ethical Hacking Hacking IoT Devices.
3. IoT Foundations Fundamentals.
4. IoT Foundations Standards and Ecosystems.
5. Leveraging Cloud Computing for IoT.
6. Introducing Embedded Systems and Microcontrollers.

SKILLS

1. **Programming:** Familiar with Python, Micropython (Raspberry Pi), C and C++ (Arduino). Experience with Git and DVC.
2. **Machine Learning:** Experience in supervised learning and machine libraries such as TensorFlow- Keras and Scikit-Learn.
3. **Soft skills:** Growth mindset, team player, integrity, attention to details, clear and concise communication, punctuality and time management.

WORK EXPERIENCE

Dedan Kimathi University of Technology

Siemens Training Centre, ICT Support attache

Sept. 2022 - Nov 2022

- Software testing.
- Hardware troubleshooting and maintenance.
- Documentation and writing reports.

INTERESTS

Cycling, swimming, philosophy, metaphysics, astronomy, watching football, traveling and interacting with new people.

REFEREES

Mrs. Joyce Thairu,

Lecturer, Faculty of Science & Technology,
Multimedia University of Kenya.

Email: jthairu12@gmail.com

Mbaabu Harun Mwenda, Founder LuxDevHQ,

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Mr. Andrew Kibor Chesang,

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Dedan Kimathi University of Technology,

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