



# Edward Deladem Kobla Lampoh

Accra -Ghana

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## SKILLS

- Languages: Java, Python, JavaScript, C, Bash
- Technologies: Spring Boot, React.js, Node.js, Flask, PyTorch, SQL, MySQL, Bash, Git, Docker, MongoDB, Nginx, Pytorch, Tensorflow

## WORK EXPERIENCE

### Levitech Ghana Ltd

Sept 2019 — Aug 2020

Software Engineering Lead

- Trained a machine learning model for recommending crops for new farming seasons based on soil health profiles
- Built a web application using python Flask framework for deploying the crop recommender model.

### The Room (ALX Africa)

May 2021 — June 2022

Software Engineering Trainee

- Implemented Algorithms and Data Structures in C
- Developed a full-stack clone of the AirBnB web app using python for backend apis and javascript for the frontend
- Specialised in backend development

### Makerevo Ltd

July 2018 — July 2021

Team Lead

- Led a team that sought to help bridge the gap of inconsistency in the Shea butter value chain in Ghana.
- Built an e-commerce website for the shea butter producers to widen their market opportunities
- Explored the possibility of using drones powered by computer vision for harvesting wild shea nuts that are beyond the access of local hand-pickers

### Noguchi Memorial Institute of Medical Research

June 2016 — July 2017

Research Intern

## EDUCATION

### BSc. Biomedical Engineering

September 2013 — July 2017

Kwame Nkrumah University of Science and technology

- **Courses:** Programming in C and C++, Object Oriented Programming, Embedded Systems, Calculus with Analysis, Differential Equations, Numerical Methods, Probability and Statistics

### Software Engineering

May 2021 — June 2022

ALX Africa/Holberton School

- The ALX Holberton Software Engineering programme is a 12-month(70h/week) immersive programme that engages technology enthusiasts and budding software engineers in a variety of programmes across in-demand tech disciplines to prepare them for a global career as a Full-Stack Developer.

## CERTIFICATES

### IBM Data Science Professional Certificate

- Skills: Data Science, Information Engineering, Artificial Intelligence (AI), Machine Learning, Python Programming
- Capstone Project Link: <https://medium.com/@edielam/segmentation-and-clustering-of-medical-facilities-in-the-greater-accra-region-of-ghana-3baece0b36d9>
- Certificate: <https://www.coursera.org/account/accomplishments/specialization/XM8J2M8XTRX>

### Deep Learning Specialization Certificate

- Skills: Artificial Neural Network, Convolutional Neural Network, Tensorflow, Recurrent Neural Network, Transformers
- Certificate: <https://www.coursera.org/account/accomplishments/specialization/4NW2AZZZK43L>

### Next Generation Sequencing Bioinformatics(H3ABioNet/weelcome connectingScience)

- Skills: NGS data pre-processing and QC, Alignment to reference sequences, Variant calling and annotation, ChIP-Seq, RNA-Seq, Genome assembly

## REFERENCES

References available upon request.