

# EDWARD DELADEM KOBLA LAMPOH

dredielam@gmail.com • [linkedin.com/in/edward-lampoh-a91338b0/](https://www.linkedin.com/in/edward-lampoh-a91338b0/) • [github.com/edielam](https://github.com/edielam) • Sudbury, ON

## SKILLS

---

- Languages: Java, Python, JavaScript, C#, C, Bash
- Technologies: React.js, SpringBoot, Node.js, Express.js, AWS, MongoDB, Unity, Docker, Nginx, Pytorch

## EXPERIENCE

---

### Software Engineer-Team Lead, Makerevo Ltd

July 2018 — July 2021

- Led agile team to develop ecommerce platform that expanded market reach for shea butter producers in Ghana
- Built customer-facing website using HTML/CSS/JavaScript, increasing product visibility and enabling direct sales
- Prototyped computer vision drone system to enhance the location and harvesting of wild shea nuts, boosting access to remote areas
- Spearheaded market analysis and requirements gathering to address inefficiencies in shea butter value chain
- Directed platform architecture and feature development, coordinating with stakeholders across the supply chain

### Software Engineer, Levitech Ghana

Sept 2019 — Aug 2020

- Developed machine learning model to generate data-driven crop recommendations based on soil analysis
- Built crop recommendation web app using Flask and deployed via Docker on AWS cloud infrastructure
- Reduced crop failures by 10%+ through precise soil-based predictions from ML model
- Extracted insights from soil health data to identify optimal crops for given conditions
- Coded prediction model in Python leveraging sklearn, TensorFlow; integrated model into web app frontend

## EDUCATION

---

### Laurentian University, MSc. Computational Sciences

Sept 2023 — June 2025

- Courses: Machine and Deep Learning, High-Performance Scientific Computing, Knowledge Representation and Reasoning, Search and Discrete Optimization

### Kwame Nkrumah University of Science and technology, BSc. Biomedical Engineering 2013 — 2017

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

## CURRENT PROJECTS

---

### Drone Dispatcher App

- Developed REST API in Java/SpringBoot to enable communication with fleet of drones for medical supply transport
- API features registration of new drones, loading medication, retrieval of drone info and battery levels
- Leveraged API development skills to build innovative drone management solution

Technologies: Java, SpringBoot

### Savage Rampage

- Created 2D zombie action game with Unity and C# featuring original sprite art and animation
- Implemented core gameplay systems including 2D physics, audio, and UI/UX design
- Applied object-oriented programming principles and game design patterns
- Demonstrated ability to learn new frameworks and deliver interactive user experiences

## CERTIFICATES

---

### ALX Software Engineering

May 2021 — June 2022

- The ALX Holberton Software Engineering programme is a 12-month(70h/week) immersive programme for training tech enthusiasts and budding software engineers.
- Skills: C, Bash, Python, JavaScript, Html, CSS, Git

### **IBM Data Science Professional Certificate**

— 2020

- Skills: Data Science, Information Engineering, Artificial Intelligence (AI), Machine Learning, Python Programming

### **Deep Learning Specialization Certificate**

— 2020

- Skills: Artificial Neural Network, Convolutional Neural Network, Tensorflow, Recurrent Neural Network, Transformers