John Agyapong Boamah

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EDUCATION

Master of Applied Science in Mechanical Engineering   2022 – Present
University of Windsor, ON

Bachelor of Science in Mechanical Engineering   2015 – 2019
Kwame Nkrumah University of Science and Technology, Ghana

WORK EXPERIENCE/ TRAINING/ WORKSHOPS

Full-stack Development   Jun. 2019 – Jul. 2019
Aces Code Hub, Ghana
- Learned how to build reusable UIs with React
- Built a REST API with Python/Django and Django REST Framework
- Deployed an application to Heroku

REST API Development   Aug. 2021 – Sep. 2021
Turntabl, Ghana
- Introduced to Java Programming and Spring Boot Framework
- Learned data structures such as Arrays
- Built a REST API with Java and Spring Boot

AI Programming with Python   Aug. 2021 – Dec. 2021
Udacity Nanodegree Program
- Learned how to use NumPy, Pandas, Matplotlib and PyTorch
- Learned the basics of algebra and neural networks and its important in the world of AI
- Developed an algorithm to identify dog breeds using a pre-trained image classifier

Full-stack Developer   Mar. 2022 – Jun. 2022
Altdeck.io
- Developed a reusable UI with React
- Built a REST API for products with Ruby on Rails and Python/Flask
- Integrated third-party API's which include Google-ReCAPTCHA
- Developed a responsive web application using Tailwind CSS and Material UI

Smart Contract Development   Jun. 2022 – Jul. 2022
Encode Club
- Introduced to TypeScript and Solidity programming languages
- Learned smart contract API development.
- Learned API integration of a smart contract with Frontend.
- Built a smart contract as project work

SKILLS

- Languages: HTML5, CSS, JavaScript, Java, NodeJS, Python, MATLAB, Ruby, SQL, Solidity and TypeScript
- Frameworks: Bootstrap, Express, Flask, Django, React, Ruby on Rails, Spring Boot, TailwindCSS
- Databases: PostgreSQL, MySQL, and MongoDB
- Version Control: Git