EMMANUEL OMOLE

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PROFILE

Software Developer with 2+ years of experience in Python and Django, seeking full-time Software Developer roles.

EDUCATION

Bachelor of Computer Science, Babcock University 2018 - 2022
Relevant Coursework: Data Structures and Algorithms, Database Design and Management, Artificial Intelligence and Applications, Object-Oriented Design, Mathematics and Software Development Life Cycle.

SKILLS

Technical Skills	Machine Learning, Data Analysis, Full-stack Development, Computer Technology, Redis
Soft Skills	Teamwork, Leadership, Problem-solving, Good Communication and Adaptability
Languages	Fluent in CSS, HTML, JavaScript, jQuery, SQL and Python
Frameworks	Expertise in Django Framework

EXPERIENCE

Full Stack Developer Intern March 2021 - Aug 2021
Ethnos IT Solutions *Lekki, Lagos*

- Developed a web app that scans for open ports and vulnerabilities in a network, this was achieved using Python, HTML, CSS, and Bootstrap, with Django as the web framework and PostgreSQL as the database.

PROJECTS

An Aggregator Store Model. Built a project that scrapes products for users based on their choices of online stores using Django, Bootstrap, and PostgreSQL.This project captured the interest of my project supervisor in Babcock to further make it a software product.

Vulnerability Scanner. Built a project that scans open ports of computers in a network using the Nmap library, Python, Django, Bootstrap and PostgreSQL.

Wise X - An Algorithmic Trading Bot. Built a project for easy registration of users, and payment for services using Coinpayments API, handle background tasks such as sending emails, checking the expiry dates of subscriptions, updating the database when a transaction is successful or Timed Out using Django, HTMx, Bootstrap and Heroku.

ML Model - Racial Differences in Cancer susceptibility and survival. Built a classification model using a Random Forest Algorithm to predict if a patient will survive or not, using python and PyQt5 for the front-end of the desktop application. The model was improved on by cross validating using Grid Search. The model achieved an accuracy of 80% and recall of 86%

HOBBIES AND INTERESTS

- Machine Learning/Data Analysis.
- Web Scraping.
- Financial markets.

AWARDS

- TOTAL/NNPC - Award of National Merit Scholarship 2018 - 2022