Ayomide David Awonaya

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https://github.com/AyomideAwonaya21

EDUCATION

Carleton University, Ottawa.   **SEP 2019- June 2024**

Bachelor of Computer Science Honors, GPA:10.67/12.00

- Recipient of Carleton's $4000 Entrance Scholarship for incoming undergraduates with GPAs of over 80%

- **Relevant Courses**: Data Structures & Algorithms, Web. Development, Object-Oriented Software Engineering, Database Management Systems, Design and Analysis of Algorithms, Trends in Big Data Management, Transaction Processing Systems.

Carleton University Coding Bootcamp   **Feb 2021- August 2021**

- Certificate of Completion in Full Stack Web Development, Distinction

SKILLS AND TECHNOLOGIES

Languages:

- **Frontend:** HTML/CSS, C/C++, JavaScript, Express, React.js
- **Backend:** Node.JS, Express, Spring, MongoDB, MySQL, PostgreSQL
- **Others:** Python, Java, C, C++, Scala
- **Unit Testing:** Mocha, Jest
- **Version Control Systems:** GIT

WORK EXPERIENCE

IT Technician   **September 2023 – March 2024**

Carleton Computer Science Society, Ottawa, ON

- Troubleshot hardware and software issues, offering timely solutions to ensure uninterrupted access to resources for students and Faculty.

- Collaborated with other IT team members to implement improvements and upgrades to computer systems and network infrastructure, optimizing efficiency and performance.

- Provided technical support to students experiencing difficulties with installing necessary software for school assignments, ensuring smooth operation of computer systems.

- Proactively identified and addressed potential technical challenges, implementing preventive measures to minimize disruptions to academic activities.

Software Developer   **June 2019 – August 2019**
Shell Petroleum Development company of Nigeria, Lagos Nigeria

- The creation and optimization of data analysis tools using **Python** and **Scala**, which provided deep operational insights from complex datasets, aiding strategic decision-making and operational efficiency.

- Implementation of robust data security measures using cutting-edge encryption and secure database practices, establishing a benchmark for industry data protection.

- Developed and refined machine learning models for predictive maintenance, leveraging **Python,** which minimized downtime and maximized efficiency across petroleum engineering Systems.

APPLIED PROJECTS

AED Simulator Application:
https://github.com/AyomideAwonaya21/3004-Project-

- **Tools:** C++
- **Description:** A Software simulation application that mimics the core functionality of an AED Plus device, allowing users to perform actions such as analyzing heart rhythms, providing electric shocks and offering guidance during an emergency

The Ultimate Personality Pet Finder Application:
https://ayomideawonaya21.github.io/The-Ultimate-Personality-Pet-Finder/

- **Technologies:** GeoAPIfy**,** Petfinder API, Foundation (bootstrap alternative), jQuery

- **Description:** Created an interactive and responsive pet finder application that allows users to take a personality/lifestyle quiz, enter their locations to find pets up for adoption near them

Simple Password Generator Application:
https://ayomideawonaya21.github.io/password-generator/

- **Technologies:** HTML, JavaScript

- **Description:** An application that solves the problem of thinking for different unique passwords for different scenarios

Ayo 21 Weather Dashboard:
https://ayomideawonaya21.github.io/weather-dashboard/   open weather API, CSS, HTML, JavaScript

- A weather application that tells the given weather of any city at any time of the day using: JavaScript