

# Ayomide David Awonaya

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<https://github.com/AyomideAwonaya21>

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## 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:

- Proficient: HTML/CSS, C/C++, JavaScript, Express, React.js, MySQL, MongoDB
- Experienced: C/C++, Python, Java, Scala

### Development:

- Rest API Development
- Software design patterns, data structures and algorithms
- Modern JavaScript frameworks: Mocha, chai, Angular
- Linux proficiency, relational databases, SQL
- Version control Systems: GIT

## WORK EXPERIENCE

### IT Technician

September 2023 – March 2024

### Carleton Computer Science Society, Ottawa, ON

- Troubleshoot 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 Engineering Intern

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

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### 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/>

- Technologies: JavaScript, Open Weather API, CSS, HTML
- Description: A weather app that tells the given weather of any City when Searched