

David Fashola

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EDUCATION

Algoma University
Bachelor in computer science

Ontario, Br
Expeted
May,2027

Major in Computer Science;
Cumulative GPA: 3.7/4.0;
Relative Coursework: Intro to Computer science, Discrete Math;
Software Projects

Personal Portfolio: <https://main-portfolio-teal.vercel.app/> (for additional information and projects)

E-Commerce Platform

Fall 2023 - 2024

- Developing a responsive e-commerce website using Bootstrap CSS, Angular, and Spring Boot, incorporating full CRUD(Create, Read, Update, Delete) functionality with an SQL database.
- Implementing a secure user authentication system, enabling personalized user experiences and secure transactions.
- Optimizing site performance leading to a 30% reduction in page load times through efficient database query structuring.

Facts Repository App

summer 2023

- Created a community-driven app in ReactJS for users to share and discover facts, leveraging Supabase for backend services.
- Implemented responsive web design, ensuring cross-platform compatibility and a seamless user interface.
- Developed a dynamic content management system, allowing for real-time updates and user interaction.

Snake Game

spring 2023

- Developed a Java application of the classic Snake game, focusing on object-oriented design to ensure code modularity and maintainability.
- Integrated graphical user interface (GUI) elements for intuitive gameplay and real-time user interaction using Java Swing.
- Implemented efficient algorithms to handle game logic, collision detection, and scoring system, resulting in a smooth and responsive gaming experience.

Weather Tracker

summer 2022

- Engineered a Python application that uses APIs to provide real-time weather forecasts, including precipitation probabilities and daily temperature extremes.
- Enhanced user experience by implementing an efficient algorithm that reduced data retrieval times by 50%.
- Ensured application reliability through rigorous testing and optimization of API data handling.

Skills

Programming Languages: Java, Javascript, Typescript, Python

Framework and Libraries: Angular, React, Spring/SpringBoot

Database: MongoDB, MySQL, Supabase

Development Tool: GitHub, IntelliJ IDEA, Pycharm, VSCode, Eclipse, Postman

Languages: Basic in French, Fluent in English & Yoruba