

Abdu-Lateef A. Lekan-Fadeyi

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TECHNICAL SKILLS

Languages – C, Java, Python, Typescript, JavaScript, C#, SQL, HTML/CSS

Frameworks/Libraries – React.js, Next.js, Express.js, Pandas, Matplotlib, Bootstrap, Tailwind CSS

Tools and Databases – Node.js, Git, GitHub, MongoDB, PostgreSQL, SSH, Docker, Postman

Operating Systems – Linux, Windows, MacOS

PERSONAL PROJECTS

AI Recipe Finder

Sep. 2024 – Oct. 2024

- Built a full-stack recipe website using OpenAI API to generate meal ideas based on ingredients users have at home.
- Developed a RESTful backend in Node.js and Express.js, with authentication, error handling, and input validation.
- Designed a MongoDB database to store user credentials and personalized search history for easy access.
- Engineered a responsive React frontend with CRUD features, allowing users to manage searches and saved recipes.

Mobile Maze Game

Jun. 2023 – Sep. 2024

- Developed and launched an Android maze escape game in C# and Unity, featuring an AI-controlled snake enemy.
- Designed a finite state machine with Idle, Patrol, Chase, and Hunt states for dynamic enemy behavior.
- Applied OOP by creating a reusable Item class with polymorphic methods for diverse collectible items.
- Released on Google Play, earning 100+ downloads, a 4.5-star rating, and 18 active monthly users.

EDUCATION

Bachelor of Computing, Software Engineering (Co-op), Minor in Business

2023 – 2028

University of Guelph, Guelph, ON

- Recipient of the Dean's Scholarship of \$1,000 in recognition of outstanding academic achievement.
- Currently maintaining a 4.0 GPA (96% average), with top marks in Data Structures, OOP, and Software Design.
- Related Coursework: Operating Systems, Analysis & Design of Algorithms, S/W System Development & Integration.

Key Academic Projects:

- vCard Parser Library Project (2025): Developed a C shared library for parsing and validating vCard files, ensuring correctness through built-in error handling, and containerized the build and testing processes using Docker.
- Math Operations Project (2024): Refactored and enhanced a large C codebase, fixing defects, implementing unit tests, and improving code quality through standardization and self-documentation.
- Labour Market Analysis Project (2024): Worked in a team of four to develop a Python program analyzing Statistics Canada employment data. Used pandas for data processing, matplotlib for visualization, and Scrum for project management. Conducted code reviews with Git workflow to maintain quality and ensure best practices.

EXPERIENCE

Outlier AI

Jul. 2024 – present

AI Writing Evaluator

- Employing prompt engineering to design creative and comprehensive scenarios for evaluating client AI models.
- Analyzing extensive AI-generated text to assess adherence to quality standards and reporting performance issues.

ACTIVITIES AND LEADERSHIP

Participant, DeltaHacks XI Hackathon

Jan. 2025

- Built a website using Node.js, React.js, and PostgreSQL to help manage houseplants shown to improve mental health.

Student Leader

Mar. 2022 – Jun. 2023

Dakota Collegiate Institute, Winning, MB

- Spearheaded the logistics team for a Relay for Life event, raising over \$26,000 for cancer research and support.
- Served as Master of Ceremonies for three school-wide events, confidently presenting to the entire student body.

Youth Leader

Feb. 2022 – Jun. 2023

Boys and Girls Club, Winnipeg, MB

- Collaborated with a team of 13 to plan and execute 6 fundraisers and 10 charity events in the community.