

Anas Jamal

Toronto, Ontario

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Education

Wilfrid Laurier University, Honours BSc Computer Science

2024–2028

Relevant Coursework: Data Analysis, Data Structures & Algorithms, Object Oriented Programming, Digital Electronics, Discrete Structures

Second-year Computer Science student with experience in full-stack web development and Java-based application design. Strong foundation in object-oriented programming, MVC architecture, and collaborative development using Git.

Technical Skills

Programming: C, C++, Python, MATLAB, Java, R, Lua

Tools: Microsoft Office(Excel, PowerPoint, Access, Visio), Git, VS Code, Github

Cloud Platforms: Introductory experience with Microsoft Azure

Web Development: Javascript, HTML, CSS

AI/ML Tools: Prompt Engineering, Token Management, AI-assisted debugging

Projects

CareerCove | Node.js, React.js, Java, Typescript

- Built a full-stack website for an early-stage startup, developing both front-end components and backend functionality.
- Translated functional requirements and feature requests into technical implementations aligned with business objectives.
- Created responsive user interfaces and connected them to server-side logic for dynamic content handling.
- Used Git for version control and collaborative development.
- Applied debugging, modular design, and iterative testing to improve reliability and usability.
- Contributed to feature planning and problem-solving in a real-world development environment.

Interactive Geometry Visualizer | Java, Swing

- Developed an interactive desktop application that dynamically visualizes a right triangle and updates its dimensions in real time.
- Implemented a Model–View–Controller (MVC) structure to separate business logic from multiple synchronized UI components.
- Built event-driven features using ActionListeners and ChangeListeners to allow triangle adjustments via buttons, sliders, and numeric input fields.
- Applied geometric calculations to maintain consistent base, height, and hypotenuse relationships during user interaction.
- Ensured accurate state synchronization across multiple views through a shared model architecture.

Experience

Community Volunteer | Muslim Association of Milton

May 2021– Aug 2024

- Assisted in organizing and coordinating community events with 100+ attendees.
- Collaborated with team members to manage setup, logistics, and post-event operations.
- Supported efficient event execution in fast-paced, time-sensitive environments.