WASSIM BELGHACHE

Software Engineering Student
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EDUCATION

Bachelor of Science in Software Engineering
Schulich School of Engineering, University of Calgary
Expected Graduation: April 2027 (including internship)

INTERNSHIP STATUS

Available May 1, 2025, seeking internship employment for 12 to 16 months.

TECHNICAL SKILLS

Programming languages: Java, Python, C/C++, JavaScript, HTML/CSS
Databases and Tools: SQL, Git/Github, Visual Studio, Postman, Linux (Bash scripting)
Frameworks and Libraries: React, Flask, JUnit, Node.js
Network and Web Concepts: HTTP Methods, API integration, TCP/IP, Socket Programming
Other Technical Skills: Data Structures and Algorithms, Embedded Systems, Database Management, Excel, Outlook, PowerPoint, Word

ACADEMIC PROJECTS

Disaster Relief Management System Interface *March 2024 - April 2024*
The University of Calgary, Calgary, Alberta

- Developed a Java-based disaster relief system ensuring consistency in family relationships and supply allocation
- Integrated SQL for database management and implemented a flexible interface for relief workers
- Applied object-oriented programming principles, optimized data structures, and created unit tests to ensure reliability

Full Stack E-commerce Web Application *January 2024 - April 2024*
The Univeristy of Calgary, Calgary, Alberta

- Collaborated with a partner to create a hoodie e-commerce website, "HoodHaven"
- Incorperated front-end development with HTML, CSS, JavaScript, and React, along with back-end integration using Flask and APIs
- The app includes user authentication, a product listing, and interactive UI components

Airport Management System *December 2023*
The Univeristy of Calgary, Calgary, Alberta

- Created a system to manage flight data and passenger seating for an airport using C++
- Collaborated in a group to apply object-oriented programming principles in designing and implementing scalable, maintainable code across multiple files, while performing unit testing to ensure functionality