

Hady Wehbe

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EDUCATION

Wilfrid Laurier University

Waterloo, ON

Bachelor of Computer Science (BSc)

Sept. 2022 – Apr. 2026

- **Relevant Coursework:** Operating Systems, Algorithm Design & Analysis, Data Structures, Object-Oriented Programming, Database Systems, Computer Networks, System Programming, Machine Learning
- **Professional Certificate:** Google Cybersecurity Certificate *Jul. 2024*

EXPERIENCE

Founder & Software Engineer

Feb. 2026 – May 2026

CramyAI

Markham, ON

- Built and launched **CramyAI**, a cross-platform **AI prep platform** deployed on the **Apple App Store**, supporting **50+ active users** and **100+ generated study materials** across web and iOS.
- Developed full-stack user flows with **Next.js**, **React Native**, **TypeScript**, **SwiftUI**, **Supabase**, and **PostgreSQL**, including authentication, user data storage, AI history, and mobile deployment.
- Integrated the **OpenAI API** to power **School Prep** and **Interview Prep** workflows, generating notes, quizzes, flashcards, mock exams, resume-job matching, interview feedback, and personalized prep plans.

Resident Services Representative (RSR)

Aug. 2023 – Apr. 2025

Canadian Student Living

Waterloo, ON

- Resolved **20+ daily** tenant issues, including lockouts, maintenance requests, and access problems, using strong customer service and communication skills.
- Managed **Entrata**, **Salto**, and **Excel** tracking to support move-ins, onboarding, and daily resident operations.

Jr. Analyst

May 2023 – Aug. 2023

Zartek Global Network

Toronto, ON

- Supported vulnerability assessments using **NIST** and **ISO 27001** aligned practices, documenting security risks, control gaps, and remediation items for internal review.
- Configured and monitored alerts in **Wazuh SIEM** to identify suspicious activity, system issues, and potential security events across internal environments.
- Automated log parsing tasks with **Python**, reducing manual analysis time by **40%** and improving consistency in recurring security reviews.

PROJECTS

Bone Fracture Detection (X-Ray) | *Python, PyTorch, scikit-learn, Pandas, Jupyter*

Feb. 2026 – Apr. 2026

- Built and evaluated **PyTorch** CNN models for binary fracture detection on X-ray images, achieving **94% F1-score** through preprocessing, hyperparameter tuning, and early stopping.

Pathfinding Visualizer | *Next.js, TypeScript, Tailwind CSS*

May 2025 – Jul. 2025

- Built and deployed an interactive visualizer for **BFS**, **DFS**, **Dijkstra's**, and **A***, supporting dynamic grid editing, obstacle placement, and real-time algorithm animation.

JunoC | *C++, Flex, Bison, Docker*

Jan. 2024 – Apr. 2024

- Implemented a Java 1.3 subset compiler using **C++**, **Flex**, and **Bison**, supporting lexical analysis, parsing, semantic checks, AST construction, and **i386 code generation**.

SKILLS & INTERESTS

Languages: JavaScript, TypeScript, Swift, Python, Java, C/C++, C#, SQL, HTML/CSS, Bash

Frameworks & Libraries: React, Next.js, React Native, SwiftUI, Node.js, Express.js, Spring Boot, Tailwind CSS, Pandas, scikit-learn

Tools & Platforms: Git, GitHub, Docker, CI/CD, REST APIs, AWS EC2/S3, Azure, Supabase, PostgreSQL, MongoDB, MySQL, Linux, OpenAI API, Apple App Store

Interests: Fitness, soccer, hiking, content creation, and emerging technology