Yazan Haddad

437-450-0117 · haddad.yazan117@gmail.com · linkedin.com/in/hxddad · github.com/hxddad

EDUCATION

York University — Expected: Dec 2026
Bachelor of Engineering in Software Engineering — *Toronto, ON*
- **Relevant Coursework:** Data Structures & Algorithms, Software Design, Computer Security, Computer Networks & Protocols, Cryptography.

EXPERIENCE

Software Engineer Intern — Jun 2025 - Present
Hampton Securities Limited — *Toronto, ON*
- Developed **React/Next.js** training site with readings and exam for compliance of **30+** firm employees.
- Implemented secure authentication using Microsoft Outlook via **NextAuth.js** with **Azure AD OAuth2**.
- Built an admin dashboard to view scores and issue certificates using **Role-Based Access Control (RBAC)** using **Supabase Auth** and **Row-Level Security (RLS)** to restrict access based on user roles.

Backend Developer — Jul 2025 - Present
ElleHacks — *Remote*
- Incoming backend developer for hackathon applicaton system using **Node.js, Express.js & MongoDB**, for Canada's first and largest hackathon for women and gender-diverse students in STEM.

LEADERSHIP

Vice President Academic — May 2025 - Present
Computing Students Hub @ YorkU — *Toronto, ON*
- Led **3 club executives** in club's Academics Team to host workshops such as biweekly LeetCode Sessions.
- Organized events with industry professionals and clubs to support **40+** members with academic logistics, study sessions, career development and networking opportunists.

PROJECTS

Lassonde Software Engineering Guide · *React, TypeScript, Node.js, GitHub Actions* — Website
- Advanced a **React-based** Docusaurus guide mapping **more than 30** Software Engineering courses.
- Ranked classes by **usefulness and difficulty**, improving curriculum planning for **50+** monthly visitors.
- Automated **CI/CD** workflow with **YAML** pipelines and **GitHub Actions** for GitHub Pages deployment.

YorkU EECS GPA Calculator · *HTML, CSS, JavaScript* — Extension
- Built Chrome extension to compute **Electrical Engineering & Computer Science (EECS)** GPA at YorkU.
- Used **DOM** manipulation to automatically remove non-EECS courses from YorkU's existing GPA calculator.
- Published browser extension on **Chrome Web Store**, reaching **8 downloads**.

Arduino COVID-19 Health Monitor · *Java, Arduino, firmata4j* — GitHub
- Engineered an **Arduino** IoT COVID-19 test in **Java**, including screening questions & temperature sensor.
- Processed over **100 readings** to detect fever patterns within the clinical **35–40°C** temperature range.
- Designed UI with **Java Swing**, OLED display, LED indicators, and buzzer to clearly communicate results.

Honkai: Star Rail Leaks Bot · *Python, AWS EC2* — GitHub
- Created a Discord bot using discord.py and Reddit API to scrape and share posts from leaks subreddit.
- Enabled real-time updates for the community **without needing to manually check** Reddit for new posts.
- Deployed on **AWS EC2** with systemd services for **99.9% uptime**, configuring a stable **Linux** environment.

SKILLS

Languages: Python, Java, JavaScript, TypeScript.
Other: React.js, Node.js, Next.js, Express.js, TailwindCSS, Git, SupaBase, PostgreSQL, JUnit, Agile, RESTful APIs.