

# Yazan Haddad

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## Education

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### York University

Bachelor of Engineering in Software Engineering

Toronto, ON

Dec 2026

- **Coursework:** Data Structures & Algorithms, Software Design, Computer Security, Networks & Protocols.

## Experience

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### Hampton Securities Limited

Software Engineer Intern

Toronto, ON

May 2025 - Present

- Incoming Software Engineer Intern on Development team using **React**, **Next.js**, **TypeScript** & **MongoDB**.

## Leadership

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### Computing Students Hub @ YorkU

Vice President Community Affairs

Toronto, ON

Sep 2024 - Present

- Led **campus outreach** with club executives, running events and workshops engaging **30+** members.
- Mentored **at least 10 first and second year students** on university life, academics, and personal growth.

## Projects

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### 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

[GitHub](#)

- Built **Chrome extension** to compute **Electrical Engineering & Computer Science (EECS)** GPA at YorkU.
- Used **MutationObserver** to monitor **DOM & auto-filter EECS courses** on YorkU's existing GPA calculator.
- Published browser extension on **Chrome Web Store**, reaching **5+ downloads**.

### Arduino COVID-19 Health Monitor · Java, Arduino, firmata4j

[GitHub](#)

- Engineered an **Arduino IoT COVID-19 test** in **Java** involving **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, discord.py, Reddit API

[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

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**Languages:** Python, Java, JavaScript, TypeScript, SQL.

**Tools & Frameworks:** React.js, Node.js, Next.js, Express.js, TailwindCSS, Git, MongoDB, Linux.