Yazan Haddad

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Education

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

Experience

Hampton Securities Limited   Toronto, ON
Software Engineer Intern (Incoming)   *May 2025 - Present*
- Incoming Software Engineering Intern at Hampton Securities Limited.

Leadership

Computing Students Hub @ YorkU   Toronto, ON
Frontend Developer   *Sep 2024 - Present*
- Maintained club website frontend with **React and Next.js** to showcase club activities and events.
- Hosted weekly LeetCode **Python** sessions to help **10+** members prepare for coding interviews.

Projects

Lassonde Software Engineering Guide · *React, TypeScript*   [Website]
- Built a **React-based Docusaurus** guide with **TypeScript** mapping **30+** Software Engineering courses.
- Ranked classes by **usefulness & difficulty**, helping students **plan prerequisites** to **graduate efficiently**.
- Improved **curriculum clarity** and **course planning** student support for more than **50 monthly visitors**.

YorkU EECS GPA Calculator Extension · *HTML, CSS, JavaScript, Manifest V3*   [GitHub]
- Advanced **Chrome** extension in **JavaScript** to **compute EECS GPA** on YorkU's web application calculator.
- Applied **MutationObserver** to monitor **DOM changes** & automatically **filter out non-EECS courses**.
- Published browser extension on the **Chrome Web Store** for users to install and use it.

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