

Yazan Haddad

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Education

York University - Lassonde School of Engineering

Bachelor of Engineering in Spec. Hons. Software Engineering

Toronto, ON

Expected: Apr. 2026

GPA: 3.3/4.0

Coursework: Object-Oriented Programming, Data Structures, Computer Organization

Experience

Project Manager

Toronto, ON

Lassonde School of Engineering

Jan. 2023 – Apr. 2023

- Managed and **lead** an **engineering course project** focusing on mental health of engineering students.
- Conducted engineering student **surveys** and research forming problem statement and solutions.
- Scheduled weekly **team meetings** and provided **feedback and next steps** for individual work in project **log report**.
- Delivered **presentations** to professors in seminars for weekly project progress.

Projects

ArduinoVid-19 Assessment | Java, Arduino Uno, Princeton StdLib, Java Swing

- Implemented a COVID-19 screening assessment using **Java + Arduino Uno** with a temperature sensor.
- Integrated libraries **JSSC & Firmata4j** to communicate with board pins including temperature sensor, buzzer and OLED display.
- Designed and implemented **Java Swing dialogue boxes** of alerts and questions during screening procedure.
- Measured and plotted temperature-zone graph using sensor and **StdLib** to alert client with buzzer for possible fever.

HungryLions | Java, Python, SQLite, Java Swing, BeautifulSoup

- Collaborated in a project of five people showcasing a dining application at all York University campuses.
- Followed **agile project management** through software development iterations.
- Designed application GUI with **Java Swing** establishing database connection for user requests using **SQLite**.
- Parsed data (restaurants, dietary restrictions, locations, etc.) from website using Python's **BeautifulSoup** package for users to filter restaurants.
- Verified code functionality and robustness by **testing** standard and edge cases using **JUnit**.

York SWE Edge | HTML, CSS, Javascript

- Built a website using **HTML, CSS & JavaScript** as a guide Software Engineering students at York University for academic success.
- Provided useful guides for students regarding courses, FAQs, resources, etc.
- Ensured user-friendly navigation by designing clear and concise user flows and interactive elements.

Portfolio Site | HTML, CSS, JavaScript, React.js, Node.js

- Developed a portfolio site using **JavaScript** showcasing my projects and skills.
- Utilized frameworks including **React & Node.js** for a dynamic UI and seamless UX.
- Deployed the site using Netlify for continuous integration and delivery.

Technical Skills

Languages: Java, Python, HTML, CSS, JavaScript, SQL.

Frameworks & Developer Tools: React.js, Node.js, Git, Unix/Linux, JUnit, Flask, SQLite.

Libraries: JSSC, Firmata4j, Princeton StdLib, BeautifulSoup.