

JEFFREY WANG

✉ wangw115@mcmaster.ca | ☎ (647) 628-2588

[GitHub: jeff-rey-wang](#) | [LinkedIn: /in/wangw115](#) | [Devpost: /jwjeff200](#) | [Website: jeff-rey-wang.github.io](#)

🎓 EDUCATION

Software Engineering Co-op (B. Eng)

McMaster University, Hamilton, ON

Sep 2018 — Apr 2022

- **Cumulative GPA:** 11 on 12-pt scale (3.9 on 4-pt scale)
- **Golden Key International Award**, for having GPA in the **top 15%** of McMaster's Software Engineering program
- **Relevant Courses:**
 - Data Structure and Algorithms
 - Databases
 - Discrete Math
 - Intro to Software Development
 - Software Design
 - Principles of Programming

Richmond Green Secondary School

Richmond Hill, ON

Sep 2014 — Jun 2018

- Ontario Secondary School Diploma with **Honour Roll**
- Winner of Award for School Culture
- **President** of Student Council

🧠 SKILLS SUMMARY

- Programming language proficiency with a working knowledge of **Java, Python, HTML/CSS, JavaScript, C, C#, Bash, MATLAB**
- Experience using tools and technologies such as **GitHub, LaTeX, Doxygen, Bootstrap**, Autodesk Inventor, Quartus
- **Organized** and **learns quickly**, with excellent **problem-solving** skills and ability to work in **collaborative, team-based** settings

🔧 PROJECT EXPERIENCE

University Restaurant Directory App (UniversitEats)

Android Studio, Java

Jan 2020 — Apr 2020

- **Designed and implemented** application that uses Yelp's restaurant database to aid university students in deciding where to eat
- Specialized in **algorithm design** which outputs restaurants with respect to user preferences such as cost, distance and cuisine type
- Created **formal reports**, outlining the design process and the dependencies of the app, including a **software requirements specifications** and **software design description** to communicate the application's functionality and correctness

Smart Trash-can (TrashCode)

React.js, TensorFlow, Node.js, Arduino, MongoDB

Jan 2020

- Built smart trash-can at **DeltaHacks 2020** in 24 hrs to categorize trash with **machine-learning**
- Won ArcelorMittal Dofasco's "**most innovative use of machine learning/AI**" runner-up prize and Domain.com's "best domain" prize out of **700 participants**
- Programmed **Arduino** to change state based on output of the **machine-learning** component, mimicking real-world a trash-can lid
- Scheduled to present a polished prototype to a **board of executives** at ArcelorMittal Dofasco

Personal Portfolio Website

HTML, CSS, JavaScript, Bootstrap

Aug 2020

- Built **fully responsive**, personal portfolio website to present skills, past projects, and personal info using **Bootstrap**; deployed using GitHub Pages
- Wrote clean, well-commented code, to create a customized, professional, modern design, and improved troubleshooting and debugging skills

Health Scheduling Web-App (HealthyHaBits)

HTML, CSS, JavaScript, Bootstrap

Oct 2020

- Built autonomous personal scheduling web-app at **NASA Space Apps 2020** in 24hrs to manage sleep, diet & exercise
- Winner of **People's Choice Award**; awarded to the most-voted team out of all participants in Hamilton
- Created **custom, intuitive, user interface** for application's **front-end**, allowing users to effortlessly view their health statistics
- Contributed to **back-end** scheduling algorithm for tracking user sleep, diet and exercising statistics, and making recommendations to improve user health

📊 EXTRACURRICULAR EXPERIENCE

3rd Year Representative, Software Engineering Society

McMaster University, Hamilton, ON

Oct 2020 - Present

- Brainstorm and organize events for the Software Engineering student population
- Make announcements to students upcoming events and communicate students' needs and concerns to the administration
- Advocate on behalf of the Software Engineering student body during faculty-wide meetings

👛 EMPLOYMENT HISTORY

Barista, Starbucks Canada

Richmond Hill, ON

Jul 2019 — Oct 2019

- Performed safe food and beverage **preparation**, and **distribution**
- Provided high quality **customer service** in **fast-paced** operations
- Resolved customer complaints with a high degree of professionalism