

JASON ZHANG

Software Engineering at Carleton University

✉ Zhangjason308@gmail.com

☎ (613) - 981 - 2838

in Jason Zhang

📍 308 Ardmore St. Ottawa, ON, K4M 0E2

RELEVANT SKILLS

- Acquired knowledge in **Python, C**, Object-Oriented Programming (**Java**), Operating Systems (**Unix/Linux**), Data Structures and Computer Architecture from coursework
- Self-taught web development fundamentals including **JavaScript, HTML, CSS, React.js, Redux.js**
- Experience with **Git** for source control
- Knowledge in **Software Development Life Cycle**
- Sparked a passion in programming **personal projects** to make quotidian tasks more convenient
- Strengthened my **interpersonal skills** by leading many team projects in an organized yet creative manner
- Sharpened my **communication skills** by working in a highly intense and quick workplace

EXPERIENCE

Server, Delivery, Chef, Busser 📅 Dec. 2019 - Present
Mandarin Restaurant 📍 Ottawa, ON

- Helped various departments in need of assistance by occupying their roles, ensuring that the operations as a whole ran efficiently
- Attended to +100 simultaneous customers in a small team by **assigning roles, communicating** effectively and being **aware** of our environment, resulting in a positive experience from customers (4.3 stars)
- Bridged the language barrier between departments by **translating** Chinese to English and vice-versa, resulting in a effective communication within staff members

VOLUNTEERING

Carleton PMC - Java Notetaker 📅 Jan. 2022 - Current

- Writing clear and coherent lecture notes for students with disabilities attending SYSC 2004 C/D
- Delivering notes according to schedule, and adjusting any notes by request of the receiver

No Borders - Assistant 📅 Aug. 2016 - Aug. 2018

- Surveilled a national ultimate frisbee tournament by working the cash register, delivering water and snacks to players, and collecting scores

EDUCATION

B. Eng. in Software Engineering 📅 Dec. 2020 - Current
Carleton University 📍 Ottawa, ON

- **Co-op:** Available **4 months** starting **May 2022**
- Second year standing, **11.14/12 (A)**
- Academic Scholarship (\$3000)
- Dean's Honour List

PROJECTS

Jason Zhang Portfolio 📅 Jan. 2022 - Current

- Designed a wireframe & tentative schedule to organize the contents of the portfolio, as well as the tasks required to complete the project
- Designing the contents of the website by applying self-taught concepts of **HTML, CSS, JavaScript**, and **React.js**, allowing interactivity for viewers
- Using **Git** for version control

DC Motor Skateboard 📅 Dec. 2020

- Developed a **Python** script that controls the movement and speed of the DC motor through two buttons
- Attached a **Raspberry PI** along with the electrical accessories safely to the skateboard, resulting in an alternative mode of transportation for the customer

Image Manipulation Program 📅 Jan. 2021 - Apr. 2021

- Created an interactive text-based UI program using **Python** and Carleton Cimpl.py files to allow users to customize selected transformations on desired images
- Wrote a README.txt file that documents the team members contributions and the instructions of the program, allowing easy accessibility

Reusable Rocket Pitch 📅 Jan. 2021 - Apr. 2021

- Proposed an alternative rocket design to **DEEP BLUE CLEANUP** to teach high school students about environmental sustainability (Top 2 nominee)
- Creatively introduced complex engineering concepts of **machine learning**, control systems, aerodynamics, and fuel management