JASON ZHANG

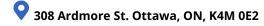
Software Engineering at Carleton University



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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



Mandarin Restaurant



- 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

iii 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

莔 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

iii 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