

JUSTIN XING

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SKILLS

Languages: Python, JavaScript, TypeScript, HTML, CSS, C++, C, SQL

Frameworks & Tools: React, MaterialUI, MantineUI, Bootstrap, Django, Firebase, Docker, Bash, Git

EDUCATION

University of Waterloo: Bachelor of Computer Science

Sep 2022 - Apr 2027

Cumulative Average GPA: 3.9/4.0

Relevant coursework: CS 135 (Racket), CS 136 (C)

EXPERIENCE

Full-Stack Software Engineer • Simon Fraser University

May 2023 - Present

- Developed responsive front-end of medical image analysis web app based in **React**.
- Managed application state using **Redux** to manage user details and authorization.
- Styled components using **CSS** and **Material UI** to design a visually appealing site.
- Worked on the backend using **Django** to implement various stages of authentication.

Financial Services Product Intern • Canada Post

May 2023 - Present

- Conducted **market research** and analysis on the Canadian payments market to develop product constructs for new financial services to be implemented at over 5900 post offices across Canada.
- Mapped out and redesigned UX for website pages and surveys using **Figma** to increase usability and strategically direct user attention.
- Wrote and implemented various **SQL** queries and their accompanying documentation to manage and supply data to PowerBI, increasing process efficiency to over 250% of the original.

Co-President • Business and Leadership Club

Sep 2021 - Jun 2022

- Directed school club to develop business employability skills in students through in-house workshops and competitions, engaging 72+ members throughout the year.
- Managed executive team of 12 students, fostering teamwork and leadership skills.

PROJECTS

Strategy Game Playing Algorithm • Summer Invitational Terminal

- Collaborated in a team of 3 over the course of a week to develop a reactive attack and defense algorithm using **Python** to play in the Summer 2023 Citadel Invitational Terminal Competition.
- Competed on the season 8 global ladder, achieving an elo rating of >2100, ranked #64 out of 146,163 algorithms, defeating opponents ranked as high as #4.

FidgetFixr 2.0 • DeltaHacks

- Worked in a team of 4 to develop, deploy, and present a note-taking app at hackathon.
- Used **JavaScript**, **HTML**, and **CSS** to develop the front-end, which automatically generates flashcards from a set of .pdf notes.

Bash themed website

- Developed and designed a Bash themed website with **JavaScript**, **HTML**, and **CSS**.