JUSTIN XING

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SKILLS _____

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

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

EXPERIENCE _____

Full-Stack Software Engineer • Simon Fraser University   May 2023 - Present
- Developed responsive front-end of web app using **React** to allow researchers to perform large scale image analysis in the aim of better understanding the onset and progression of diseases.
- Managed application state using **Redux** to manage user details, authorization, and notifications.
- Styled components using **CSS**, **Material UI**, and **Mantine UI** to design a visually appealing site.
- Collaborated with others to design and call **Django** APIs and deploy full-stack app using **Docker**.

Financial Services Product Intern • Canada Post   May 2023 - Aug 2023
- 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 drastically 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 500% 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, fostering teamwork, communication, 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 >2200, 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 an education tool web app at hackathon.
- Developed front-end using **JavaScript**, **HTML**, and **CSS** to generate flashcards from pdf notes.

Bash themed website
- Developed a Bash themed website with **JavaScript**, **HTML**, and **CSS** to display personal interests.

EDUCATION _____

University of Waterloo: Candidate for Bachelor of Computer Science   Sep 2022 - Apr 2027
Cumulative Average GPA: 3.9/4.0   Relevant coursework: CS 135 (Racket), CS 136 (C)