

# JUSTIN XING

[justin.xing@uwaterloo.ca](mailto:justin.xing@uwaterloo.ca) • (647) 831-0965 • [linkedin.com/in/justinxing/](https://linkedin.com/in/justinxing/)

[github.com/justin-xing](https://github.com/justin-xing) • [justin-xing.github.io](https://justin-xing.github.io)

## SKILLS

---

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

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

## EDUCATION

---

**University of Waterloo:** Candidate for Bachelor of Computer Science **Sep 2022 - Dec 2026**

Cumulative Average GPA: 3.9/4.0      Relevant coursework: CS 135 (Racket), CS 136 (C), CS 246 (C++)

## EXPERIENCE

---

**Full Stack Software Engineer Co-op • OnCall Health Inc.** **Jan 2024 - April 2024**

- Will be working with **React**, **Django**, and cloud technologies to build upon and support OnCall's virtual healthcare platform, used by thousands of healthcare providers across North America.

**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.

## 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.