




Alyssa Guo

✉ alyssasuiyiguo@gmail.com |  github.com/alyssasuiyiguo |  [linkedin.com/in/alyssa-guo/](https://www.linkedin.com/in/alyssa-guo/) |  <https://alyssasuiyiguo.github.io/personal-portfolio/>

SKILLS

Languages : HTML/CSS, JavaScript, Java, Racket, Python

Tools : Figma, LaTeX, Git, GitHub, Wix, WordPress, Trello

PROJECTS

Personal Portfolio (Github Repo)

- Created from scratch individually using **HTML, CSS and JavaScript**.

Running from Responsibilities (Github Repo)

- Endless runner-style game controlled by body movements, tracked using **MediaPipe** (AI-driven tracking model). Implemented random obstacle generation and movement in **Python** using **pygame**.

Notebooks+ (Github Repo)

- Productivity web app allowing users to take time-stamped notes alongside videos and lectures. Designed and implemented UI/UX **from scratch** using **Figma, HTML and CSS**.

EXPERIENCE

University of Waterloo Mathematics Society

Sept. 2021 – Dec. 2021

Website Developer

- Student government for the faculty of math. Regularly maintained and updated website. Created and implemented a home page redesign using **Figma, HTML and CSS**. ([Website Link](#))

Fridays for Future Toronto

May 2020 – Present

Website Designer

- Toronto-based chapter of the **international climate movement** led by youth. As the **primary web designer**, led a website theme redesign, leading to **140% increased web traffic** (over **4400** visitors). Responsible for regular updates and maintenance, including pictures and events. ([Website Link](#))

Prospective Medical Professionals (PuMP)

May 2020 – Present

Tech Team Web Developer and Conferences Lead

- **Youth-led NPO** connecting under-served students to resources for pursuing a medical career. Designed UI/UX for new Sponsors page from scratch using **Figma** and used **HTML, CSS and JavaScript** to redesign and transform WordPress site to code. Currently preparing for launch. ([Github Repo](#))
- As part of the national logistics team, led and organized **15 officers** in hosting **5 conferences** averaging **150 attendees** each.

Camp Explore Coding Camp, Peel District School Board

June 2021 – July 2021

Student Leader

- Summer camp dedicated to introducing children from under-served communities to programming. Directly supported **60 students** to teach basics of **Scratch, JavaScript, and HTML/CSS**, enabling them to independently create their final projects. **Independently planned and led a code-a-long workshop**: [View Recording](#)

EDUCATION

University of Waterloo

Sept. 2021 – June 2026 (Expected)

Bachelor of Computer Science

Waterloo, ON

- GPA: 4.0