

## Contact

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## Education

2022 – 2027

### BASc in Systems Design Engineering

University of Waterloo

*Activities and Societies:*

*Tech+, Product Management Club, Women in Engineering*

*Relevant Courses:*

*Digital Computation (C++), Introduction to Design, Graphics (Solidworks)*

## Skills

### Languages

C++, Python, HTML, CSS, JavaScript, TypeScript, SQL, Lua

### Tools/Technologies

Angular, Bootstrap, jQuery, NodeJS, Git/Github, LOVE, Wordpress, Figma, Adobe Suite, MS Office, Canva, Blender

## Awards

University Women's Club of North York – Female Engineering Award (Earl Haig Secondary School, 2022)

*Awarded a female student enrolling in engineering who demonstrated a good work ethic and active participation within the school and the community.*

Grade 12 Advanced Functions Award (Earl Haig Secondary School, 2022)

*Awarded to the graduating student who has demonstrated a passion for mathematics and achieved the highest final mark.*

Grade 12 Computer Studies Award (Earl Haig Secondary School, 2022)

*Awarded to the graduating student who has demonstrated a passion for programming and achieved the highest final mark.*

Ontario Scholar Award: 99% Overall (Ontario Ministry of Education, 2022)

*Awarded to a graduating student with an average mark of at least 80% in any six Grade 12 courses.*

Euclid Distinction: 22nd in Canada (CEMC, 2022)

*Awarded to participants who scored in the top 25% in the University of Waterloo's 2022 Euclid Contest.*

President's Distinction (\$2,000) & Faculty of Engineering (\$4,000) Scholarship (University of Waterloo, 2022)

*Awarded to students with an early May admission average of 95%+, assessed based on academic performance, supplementary application, and online video interview.*

# Annie Cai

- 6 years of experience in MS Office (Word, PowerPoint, Excel, Publisher)
- Proficiency in C++/Python and frontend development using HTML/CSS/JS
- Knowledge of product and visual design and wireframing using Figma/Blender
- Excellent written communication and oral presentation skills; delivered through software documentations, pitch decks, and written reports
- Hands-on experience working in a fast-paced, deadline-driven environment
- Goal-oriented and motivated, excited to learn and bring my skills and passion to the team

## Experience

○ Dec 2021 – Jul 2022

Easy Media Inc. | Toronto, ON

### Web Developer

- Designed and developed new web applications from inception to finish for 4 non-profit organizations (NPOs)
- Devised various **custom**, **interactive**, and **dynamic** WordPress sites that includes advanced WordPress features, such as WordPress Custom API
- Proactively documented the software development process using **UML diagrams**
- Created logos, pitch decks, business cards, and other branding needs for over 10 clients
- Collaborated in **team-based, agile environment** to ensure efficient and timely delivery of projects
- Assisted senior developers in managing page traffic and SEO analytics
- Communicated in a professional manner with potential clients and current business partners

○ Sep 2021 – Jun 2022

Hatch Coding | Toronto, ON

### Project Development Intern

- Brainstormed and developed **30 mini games/projects** using the Hatch Coding Studio
- Managed the status of **over 700 projects** available in the Hatch Studio
- Created coding challenges for each project to help enhance students' learning
- Curated almost 100 lines of canned feedback for students using Excel

## Community & Leadership

○ Jul 2022 – Aug 2022

TAC Sports & LSA | Toronto, ON

### Coding & 3D Printing Head Instructor

- Developed and administered detailed coding/3d modelling curriculum to **over 100 students**
- Created engaging lesson plans covering all facets of Scratch, Python, TinkerCAD, and Blender
- Fostered culture of discovery and empowered students to find their passion for technology
- Actively communicated with parents to provide weekly progress reports and talked with students in need of attention

○ Aug 2020 – Aug 2022

Superposition Toronto | Toronto, ON

### Senior Director of Community Engagement

- Consistently recognized as a **competent leader**; managed and delegated tasks to a team of executives under the Community Engagement Department and moderated a Discord Community Server with over 500 members
- Increased efficiency of the event sign-up and scheduling process by creating functional Excel spreadsheets
- Hosted 5 workshops, 4 panels, and 3 competitions, which garnered over **1200 total signups**
- Planned and oversaw the execution of The SuperPOSITRON, an international and all female hackathon, with **\$62k in prizes** and **24 workshops and talks**. The hackathon had over 1000 signups and 100 submissions
- As of March 2022, we have reached over **33k individuals** across **80 countries**

○ Sep 2021 – Jun 2022

Earl Haig Science Council | Toronto, ON

### President

- Maintained **top 1%** of the graduating class while representing my high school Science Department as the Science Council President
- Managed and delegated tasks to a team of 12 executives to host science labs, contests, workshops/panels, and Earl Haig's annual Science Fair
- Created a community of science enthusiasts and increased grade 11 science courses selection by **15%**

## Projects

### Moonlight

Prototype of an app using **Figma**. Moonlight aims to make street safety a community effort by redirecting more individuals to share a common path on their way home.

### 美

Web app using **HTML, CSS, and JavaScript (jQuery)**. Using 美, you can check for potentially harming ingredients in your cosmetics products and view ingredients that are beneficial.

### Flappy Bird

Remake of Flappy Bird using **Lua** and **LOVE**.