

# Annie Cai

DEVELOPER · DESIGNER · STUDENT

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## 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

## Education

### University of Waterloo

Waterloo, ON

B.ASC IN SYSTEMS DESIGN ENGINEERING

2022 - 2027

- *Activities and societies:* UW Tech+, Product Management Club, Women in Engineering
- *Relevant courses:* Digital Computation (C++), Introduction to Design, Graphics (Solidworks)

## Work Experience

### EasyMedia Inc.

Toronto, ON

WEB DEVELOPER

Dec. 2021 - Jun. 2022

- Devised various **interactive** and **dynamic** WordPress sites that includes advanced WordPress features, such as WordPress Custom API
- Enhanced my written and oral communication skills through software documentations (**UML diagrams**), pitch decks, and written reports
- Collaborated in **team-based, agile environment** to ensure efficient and timely delivery of projects
- Managed page traffic and SEO analytics

### Hatch Coding

Toronto, ON

PROJECT DEVELOPMENT INTERN

Sep. 2021 - May. 2022

- Developed **30 mini games/projects** using the Hatch Coding Studio; these mini games/projects covered topics of animation, booleans, and object-oriented programming
- Managed the status of **over 700 projects** available in the Hatch Studio; ensured each project has a description, feedback, and challenges

## Community & Leadership

### TAC & Life Skills Academy

Toronto, ON

CODING & 3D MODELLING HEAD INSTRUCTOR

Jul. 2022 - Aug. 2022

- 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; increased camp re-registration by **two-fold** for the month of August

### Superposition Toronto

Toronto, ON

SENIOR DIRECTOR OF COMMUNITY ENGAGEMENT

Aug. 2020 - Aug. 2022

- 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 **200%** by creating functional Excel spreadsheets
- 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 sign ups and 100 submissions
- As of March 2022, we have reached over **33k individuals** across 80 countries

## Projects

### Moonlight

FIGMA BOARD | PROBLEM DEFINITION

- Developed a medium-fidelity app prototype using Figma, Adobe Illustrator, and CSS. Utilized the IDP and wire-framing practices

### Mei

WEBSITE | GITHUB

- Designed and developed a web app using HTML, CSS, JS, jQuery, and JSON. Created file-based databases to store over 200 skincare ingredients

### Hotel Manager

GITHUB | DOCUMENTATION

- Created a C++ database program with an layered architectural structure. Implemented concepts of pointers, classes, and polymorphism, exceptions

## Honors & Awards

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| 2022 | <b>University Women's Club of North York – Female Engineering Award</b> , Earl Haig Secondary School                 |
| 2022 | <b>Grade 12 Advanced Functions &amp; Computer Science Award</b> , Earl Haig Secondary School                         |
| 2022 | <b>Ontario Scholar Award: 99% Overall</b> , Ontario Ministry of Education  |
| 2022 | <b>Euclid Distinction: 22nd in Canada</b> , CEMC, University of Waterloo   |
| 2022 | <b>President's Distinction (\$2,000) &amp; Faculty of Engineering (\$4,000) Scholarship</b> , University of Waterloo |