

CONTACT

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SKILLS

Languages:

JavaScript, Java, C,
HTML/CSS, SQL, Scheme
(Racket), LaTeX

Tools and Technologies:

React, Git, Bootstrap, Figma,
jQuery, Jira

HONOURS & COMPETITIONS

- uWaterloo Elizabeth Spracklin Entrance Scholarship awarded based on **outstanding academic performance**
- Outstanding Community Service award for In-School Math Tutoring
- Junior Girls Invitational **Coding Competition**- Gold Medal (awarded out of 15 teams)
- Senior Girls Invitational **Coding Competition**- Bronze Medal (awarded out of 45 teams)

EDUCATION

University of Waterloo
Expected Graduation April 2025

Candidate for Honours
Bachelor of Computer
Science

INTERESTS

- Fantasy Literature
- Sewing
- Sustainability
- Social Good

ANNIE CHEN

EXPERIENCE

Filament AI

05/2021 – 08/2021

Developer Intern

- Re-designed and developed **15+** front-end analysis features to examine company investment statistics using **React**, **Redux**, **JavaScript** and **CSS**
- Collaborated with UX and software teams in an **agile environment**
- Integrated back-end **MySQL** database of **100+** companies using API calls and asynchronous **JavaScript** to compare global company data
- Streamlined production of **30+** company-wide conversational AI dialogues through **JavaScript** automation and XML & CSV parsing, improving company efficiency by **60%**
- Applied **machine learning** utterance generation capabilities to chatbot conversations, allowing users to create dialogues **30%** faster

Creators' Joy

09/2018 – 09/2020

President (formerly School Liaison)

- Designed events, coordinated meetings, organized venues, and contacted companies for sponsorships
- Managed team of **15+ executives** to organize events targeted at making cards and crafts for hospitalized children
- Created and donated **300+ cards** to Toronto-based hospitals, such as the Baycrest Health Sciences Centre

NeuroBRITE Program | Baycrest Research Inst.

05/2019

- Investigated the **P300 (oddball) response** in brain activity with EEG technology to track relationship between old-age and facial recognition
- Presented research to **50+** industry professionals and was awarded the **Best Presentation Award** out of 12 teams

PROJECTS

Taskeeper

08/2021

- Coordinated and created project-based calendar web app to organize tasks based on hierarchy
- Built **React** front-end that communicates with a **Node.js** and **Express.js** REST API
- Handled user authentication through **Passport.js** and stored **50+** user tasks in a **MongoDB** cloud database

Watchr

08/2021

- Spearheaded development of **Electron** and **JavaScript** app to record **10+** live web events and save to user's computer directory
- Constructed video preview and screen capturing features using **React** and **Figma**

Africaid

08/2020

- Built efficient website and chrome extension that displays **25+** randomized advertisements on new tabs, coded using **HTML**, **CSS**, **Bootstrap** and **jQuery**
- Enabled users to store images by linking to **Google Firebase & Firestore**