

CONTACT

annie.chen1@uwaterloo.ca
askanniething.ca/
linkedin.com/in/askanniething
github.com/askanniething
(647) 839 5056

SKILLS

Languages:

JavaScript, Java, C,
TypeScript, HTML/CSS,
SQL, LaTeX

Tools and Technologies:

React, Redux, Node.js, Git,
jQuery, D3.js, Figma, Jira,
Bootstrap

HONOURS & COMPETITIONS

- uWaterloo Elizabeth Spracklin Entrance Scholarship awarded based on **outstanding academic performance**
- Baycrest Research Inst. NeuroBRITE Program Best Presentation Award bestowed for investigating P300 (oddball) response with **Jupyter** and **EEG technology**

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

Autodesk

01/2022 – 04/2022

Front-end Developer Intern

- Developed front-end bundle size analyzer for 70+ packages using **webpack** and **Node.js** to pinpoint bloated components and improve performance.
- Maintained and updated 20+ company components in **Storybook**.
- Refactored hook component package of 10+ functions using **React TypeScript** to display date and time text according to company guidelines.
- Created front-end **Redux** Reducer to facilitate external loading of Tree component nodes and ensured functionality with 10+ Jest tests.
- Implemented responsive **D3.js** data visualizations of **200+** components to track company-wide package use.

Filament AI

05/2021 – 08/2021

Junior Developer Intern

- Re-designed and developed 15+ front-end analysis features to contrast company data using **React**, **Redux**, JavaScript and **CSS** to provide investment insights.
- Collaborated with UX and software teams in an **agile environment**.
- Integrated **MySQL** database of **100+** companies with API calls and asynchronous **JavaScript** to examine global business statistics.
- Streamlined production of 30+ company-wide conversational AI dialogues through JavaScript automation and XML & CSV parsing, increasing chatbot conversation generation by **80%**.
- Applied machine learning utterance generation capabilities to chatbot conversations, allowing users to create responses **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 develop events targeted at making crafts for hospitalized children, successfully donating **300+** cards to Toronto-based hospitals (Baycrest Health Sciences Centre).

PROJECTS

RiteReview

04/2022

- Developed and designed book tracker web app with React, **MongoDB**, **Express.js** and **Node.js** to record and display 60+ book reviews and ratings.
- Integrated **Google Books API** with JavaScript to query 20+ database entries.
- Implemented **Google OAuth 2.0** with Passport.js for 6+ users.

Watchr

08/2021

- Spearheaded creation of **Electron** and JavaScript app to record 10+ live events.
- Constructed video preview and screen capturing features using **React** and **Figma** to improve application user experience.

Taskeeper

08/2021

- Coordinated and created project based **MERN** calendar app to organize tasks based on hierarchy.
- Handled user authentication through **Passport.js** and stored **50+** user tasks in a cloud database.