

Jennifer Wu

2A Computer Science



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Skills

Languages – JavaScript, TypeScript, Java, Python, C, C++, HTML, CSS/SCSS, Racket

Web Tooling – Angular, Angular Material, React, OAuth2.0, Node.js, Flask

Tooling – Android Studio, Bash, Linux, Git, Jira, Spring, SQL

Experience

Evertz | Software Developer Intern (FLEX team)

May 2019 – Sep 2019

Angular, Angular Material, TypeScript, OAuth2.0, Java, Spring

- Created the front-facing, **REST**-compliant web client for a cloud orchestration product with **Angular 8**
- Migrated admin dashboard from Angular 4 to 8, leveraging new features to replace defunct libraries
- Ensured that the web clients and the **Spring** backend were consistently compatible, particularly during the restructuring of the software to implement asynchronous data handling

Waterloo Rocketry | App Developer

Oct 2018 – present

Java, Android Studio

- Working in a design team to develop an **Android** app to communicate with a custom rocket
- Implemented an offline map that updates in real time using the **osmdroid** library

StarterHacks, RUHacks | Mentor

Jan 2019, May 2019

- Provided immediate on-site assistance for hackathon participants in debugging their projects as well as providing general developer-related guidance for **JavaScript**, **React**, **Java**, and **Android Studio**

Projects

Cali-or-Bust | TOHacks (Winner of Best Use of Voiceflow)

Jun 2019

Microsoft Azure, Node.js, Angular, TypeScript

- Built an **AI**-powered chatbot that provides mock interviews tailored to the user
- Used **Azure** to analyze user responses and **Angular** and Voiceflow to coordinate visual and aural UIs

LitDubs | BrickHack (Winner of Best Use of GCP)

Feb 2019

Python, Flask

- Developed a web app that automatically translates and dubs YouTube videos using GCP services
- Created a **Python** script to retrieve video data and implemented **Flask** to serve the application

Education

University of Waterloo

- Candidate for Bachelor of Computer Science, Class of 2023
- President's Scholarship of Distinction, Faculty of Mathematics Entrance Scholarship