

## EDUCATION

### University of Washington- Seattle

Jun 2017- Expected Jun 2021

- B.S. in Computer Science and Engineering, GPA: 4.0 / 4.0
- STARS Scholar: highly competitive engineering enrichment program for Washington state students from underserved high schools. STARS utilizes a holistic model to build a strong foundation in math and science to ensure success in engineering and computer science.
- Relevant coursework: Data Programming, Web Programming, Foundations of Computing, Hardware/Software Interface

## SKILLS

- **Technical** Java, C#, Swift, Git, Unity, Python (Pandas, Seaborn, Matplotlib, Scikit-Learn), HTML, CSS, Javascript, PHP, SQL, beginner React Native
- **Design** Sketch, Adobe XD, Adobe Photoshop CC, Abstract
- **Language** Mandarin (native), Cantonese (native), English (fluent)

## INTERSHIPS

- **UX Engineering Intern / Microsoft / @ Redmond, WA** Jun 2019- Sep 2019
  - Designed and implemented an iOS demo for UI components used across all Office mobile prototypes
  - Actively collaborated with user researchers, designers, and engineers to validate and reiterate on interface design
  - Automated bulk icon import and configuration in Xcode with Python and reduce the time to under 5 minutes
- **New Technologist / Microsoft / @ Redmond, WA** Jun 2018- Aug 2018
  - Led a four-person team to create an iOS prototype to connect teachers to professionals on LinkedIn
  - Designed the interface through multiple iterations and implemented the backend for a dynamic demo
  - Pitched the app to a group of Microsoft M365 CVP's, Sr. Software Engineers, and Sr. Program Managers
- **Software Engineering Intern / Autodesk / @ Lake Oswego, OR** Jun 2017- Aug 2017
  - Developed 2 new features for FRC Simulator Synthesis with Unity Engine on robot camera and sensor
  - Helped with improving user interface, expanding the user base by the end of the internship
  - Speaker in a female mentor recruitment event partnered with Oregon FIRST Community

## TEACHING

- **Incoming CSE 14X Teaching Assistant / University of Washington** Sep 2019- Dec 2019
- **CSE 190Z Teaching Assistant / University of Washington** Apr 2019- Jun 2019
  - Arranged weekly one-on-one meetings with 4 students to provide personalized support on CSE 143 coursework
  - Helped planned weekly workshops and graded quizzes and mocked exams for 28 students
  - Led a workshop on object inheritance in Java using a gift delivery analogy, making the abstract concept more applicable
- **Math Academic Mentor / University of Washington** Sep 2017- Dec 2018
  - Led multiple tutoring sessions for 40 students with a combined length of 7.5 hours per week
  - Planned tutoring contents targeting student needs and problem-solving skills

## ACTIVITY

- **Toy Adaptation Committee / Husky ADAPT** Oct 2018- Current
  - Created the Adaptable Toy Inventory website and made it more accessible for parents requesting adapted toys
  - Applied PHP and SQL on the backend and sync data with Google Sheets for live stock update
- **Rewriting the Code Fellow** Sep 2018- Current
  - Organized social events for RTC summer interns in Seattle as one of the 5 Seattle Hub Leaders in summer 2019