

# Wen Qiu

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## EDUCATION

### **University of Washington- Seattle**

*Sep 2017- Expected Dec 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
- Coursework: Data Programming, Web Programming, Software Design & Implementation, Data Structures & Algorithms

## SKILLS

- Technical: Java, C#, Swift, Git, Unity, Python (Pandas, Seaborn, Matplotlib, Scikit-Learn), HTML, CSS, Javascript, PHP, SQL, React, Beginner React Native, C++
- 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 app demo leveraging iOS shared component library for Microsoft mobile prototypes
- Developed usability testing plan and conducted 6 in-person interviews with potential users
- Automated bulk icon import and configuration in Xcode with Python and reduced the import 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
- Refined the interface through multiple iterations and implemented the backend data model 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*

- Built 2 new features for FRC Simulator Synthesis with Unity Engine on robot camera and sensor
- Helped improve 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

### **CSE 163 Teaching Assistant / University of Washington**

*Jan 2020- Current*

- Prepared and led one section every week teaching intermediate data science tools and libraries including Pandas, scikit-learn, and concepts on code complexity, use of different data structures, and memory management
- As the grading head TA, proofread and produced lecture readings and exam review materials, created a grading guide for training new TAs
- Mentored 6 groups of students on their data science projects
- Redesigned the course website template with better usability and clearer organization of course materials

### **CSE 14X Teaching Assistant / University of Washington**

*Sep 2019- Dec 2019*

- Prepared and led two sections every week teaching various Java topics including recursion, inheritance, and use of data structures including Maps, Sets, LinkedLists, Binary Trees, etc.
- Helped students with course concepts and programming projects in the computer labs

## ACTIVITIES

### **Fellow / Rewriting the Code**

*Sep 2018- Current*

- Organized 3 social events for RTC summer interns in Seattle as one of the 5 Seattle Hub Leaders in summer 2019
- Participated in career development webinars and gave advice to other college women in tech on internship search