

ZHENNAN ZHOU

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EDUCATION

University of Washington

Bachelor of Science: Computer Science

Cumulative GPA: 3.88/4.00

Annual Dean's List: 2017-2018, 2018-2019, 2019-2020

Expected Graduation Date: June 2021

📅 2017 – Present

📍 Seattle, WA

Selected Course Work: HCI Capstone | **Software Design and Implementation** | Foundation of Computing I, II | Hardware & Software Interfaces | **Data Structures and Parallelism** | **Introduction to HCI**
Courses in Progress: Intro to Database, Security, Creative Design.

EXPERIENCE

Human-Centered Design Engineering Lab

Undergraduate Research Assistant

📅 2020.06-Present

📍 Seattle, WA

- Brainstormed and designed contextual information cue card on Twitter account that help users discern misinformation.
- Drafted user research interview protocols and conducted participants screening and user research result analysis.
- Analyze and draft subsequent influence and implications on users' assessment of the content's trustworthiness.

UWCSE HCI Capstone (*Best Design Award*)

📅 2020.03-2020.06

📍 Seattle, WA

- Conducted and analyzed various user research, using AEIOU framework, contextual inquiries, semi-structured interviews, surveys.
- Designed entire Mobile App interfaces and physical house object outer-appearance and iterated based on user feedback and usability testing.
- Cooperated with teammates and constructed code specification, architectural design and then built the mobile app using React Native, JavaScript, CSS following MVC pattern.

Miidi Tech

Software Developer Intern

📅 2019.07-2019.09

📍 Hangzhou, China

- Focused on and implemented **accessibility** enhancements and enriched **user interfaces** by adding more shortcuts details on *Sharecuts(iOS)*, the leading shortcuts community on iOS, using **AsyncDisplayKit**, **Realm** and **Swift**. Improved app's accessibility support by 50%.
- Designed and built **focus** feature, including user research, prototyping, constructing user interfaces and core functionality with **Swift** and related frameworks, on *OffScreen*, an iOS App Store featured health-focused app.

HUAVoice, UW Student Publication Department

Technical Director, Podcaster

📅 2017.09-Present

📍 Seattle, WA

- Host weekly podcasts regarding technology, culture with another host.
- Provide lighting, sound and audio supports in major event, such as *The Sound* live performance.
- Provide boot camp training for new podcasters and offer technical support to other podcasters.

PROJECTS

iChecker (Personal Project) 🌐

July 2019 - Present

- Develop *iChecker* that keeps track of multiple currencies exchange rates with **Swift**, **PromiseKit**, **Alamofire** and open currency APIs.
- Implement on-device database models with **RealmSwift** library.
- Design the UI prototype with *Figma* and then independently implemented interactive interfaces with **Swift** and *Hero*.

UW Campus Map(Course Project Java)

Jan 2020 - Mar 2020

- Individually implemented Dijkstra's Algorithm to identify the shortest path and used OpenCsv API to map data sets to Java Bean.
- Applied Model-View-Controller design pattern to provide a clear and separate logic of code and decrease coupling to maximize code reusability.
- Designed and developed Campus Map server using Spark Java as well as interactive Web app with React to allow users to click on the map to choose buildings and find the shortest path between them in UW campus.

ProCabulary (HCI Course Project) 🌐

Jan 2020 - Mar 2020

- Worked in a team of 4 and applied contextual inquiry, semi-structured interview and execution-and-evaluation cycle to find design insights.
- Performed task analysis, usability testing and heuristic evaluation to adjust the design for target users.
- Utilized storyboards and sketches to convey design ideas and used Figma to transform sketches to digital prototypes.

SKILLS

- **Programming:** Java, Swift, JavaScript, R, MATLAB, \LaTeX , C
- **Framework:** Realm(Swift), Hero(Swift), PromiseKit(Swift), AsyncDisplay(Swift), **React**, **React Native**
- **Software Tools:** Xcode | **IntelliJ IDEA** | **Human Computer Interaction, Design, Prototyping and Evaluation** | MATLAB | Git | Unix Command Line | **Figma** | Microsoft Office | Final Cut Pro | Adobe Audition | **Adobe XD** | Apple iWork | Adobe Lightroom
- **Language:** Native in Chinese, Fluent in English, Intermediate Japanese(2nd year)