

ZHENNAN ZHOU

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🌐 LinkedIn

EDUCATION

University of Washington

Bachelor of Science: Computer Science

Cumulative GPA: 3.87/4.00

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

Expected Graduation Date: June 2021

📅 2017 – Present

📍 Seattle, WA

Selected Course Work: Foundation of Computing I (Discrete Mathematics) | Hardware & Software Interfaces | Data Structures and Parallelism | Software Design and Implementation | Introduction to HCI | Data Visualization

Courses in Progress: HCI Capstone project, Foundation of Computing II(Statistics) , Intermediate Japanese.

EXPERIENCE

Nordstrom, Inc (*cancelled due to COVID-19*)

Software Engineer Intern

📅 2020.6-2020.9

📍 Seattle, WA

Miidii 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 in China, using **AsyncDisplayKit**, **Realm** and **Swift**. Help users, especially those with disabilities to find out more exciting and useful shortcuts. 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 frameworks such as **Hero(Swift)**, on **OffScreen**, a health-focused app on iOS in China.
- Updated notification delivery models and optimized user interface layouts for small screen devices in **Take a break(iOS)** 1.2.x updates through utilizing **Swift**. Enhanced local notification delivery accuracy.

Technology and Business Association(TBA)

Marketing Specialist

📅 2018.09-2019.09

📍 Seattle, WA

- Helped set up small events(eg. Undergraduate Research Panel, Tech Interview workshop) and signature event, **Biz-tech forum**.
- Designed, oversaw and drafted promotions, posters, email-lists and copy-writing.
- Undertook updating organization's blogs in WordPress and Wechat.

HUAVoice, UW Student Publication Department

Technical Director, Podcaster

📅 2017.09-Present

📍 Seattle, WA

- Supervise the activities of all other technical departments and oversees the use and maintenance of audio equipment.
- 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