

Xianfu Luo

608-421-9623 | xluo96@wisc.edu | [linkedin.com/in/luohuhu](https://www.linkedin.com/in/luohuhu) | github.com/luohuhu

EDUCATION

University of Wisconsin-Madison

Bachelor of Science in Computer Science, Minor in Data Science

Madison, WI

Sep. 2020 – May 2023(expected)

Xiamen University

Software Engineering

Xiamen, China

Sep. 2018 – Jul 2020

EXPERIENCE

iOS developer Intern.

xiaohongshu Corp.

Feb. 2021 – Jun. 2021

Shanghai, China

- Used Swift and Objective-C to modify existing software to correct errors, and to improve the performance of the app
- Collaborated with managers to design and implement, and finally launched new features in each iterations on iOS
- Conferred with systems analysts, engineers, programmers and others to design system and to obtain information on project limitations and capabilities, performance requirements and interfaces

Undergraduate Research Assistant

Xiamen University

Jun. 2019 – Jun. 2020

Xiamen, China

- Used Unity to set VR environment, connected leap motion to capture hand movements and visualized them in VR.
- Designed and discussed about experimental scheme, carried out experiments, and collected data
- Explored ways to design new wearable devices with functional modules and workflow

PROJECTS

CannyX | *Swift, C++, Objective-C, OpenCV*

Dec. 2020 - Jan. 2020

- Developed an iOS application using with SwiftUI as UI framework and import OpenCV to process Image
- Captured output of front and rear cameras and display it on screen
- Provided different functions like color inverting or image mean computing

Clima | *OpenWeather API, Swift, AWS, Git*

Sep. 2020 - Oct. 2020

- Developed a weather forecast app using with UIKit as UI framework and data from OpenWeather API
- Manage and set up user pool on AWS Cognito, and integrated it with app
- Designed and improved user interface via Figma

XM-Code | *Python, OpenCV, Git, FFmpeg*

Feb. 2020 - Apr. 2020

- Developed a python program monitoring data transformation
- Set self-made transmission data format, encode input data and generate video output
- Recorded video with mobile phone and decode to obtain the output data
- Improved the veracity by setting anchor points to locate where the XM-images are

TECHNICAL SKILLS

Languages: Java, Python, C/C++, Swift, R

Frameworks: SwiftUI, UIKit, Cocoapods

Developer Tools: Git, Xcode, Visual Studio, PyCharm, IntelliJ, AWS(IBM Cloud)

Core Courses: Algorithms, Data Structure, Computer Network, Machine Organization and Programming