

# SHAOFEI HUANG

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## 🎓 EDUCATION

### Huazhong University of Science and Technology (HUST), Wuhan, China

2018 – Present

B.S. in Software Engineering (SE)

GPA: 3.85/4.0

## ⭐ EXPERIENCE

### RayPlus

Aug.2020 – Present

*Swift* Team Project

A clinical medical data integration platform collaborated with Wuhan Union Hospital

- Mainly responsible for network interface maintenance and development of new features
- Implemented adjusting the height of UI element automatically.
- Adapted some framework such as Alamofire, Snapkit and etc.

### Between US

Nov.2020 – Present

*Objective-C* Team Project

An QA app, which aims at promoting the relationship between couples.

- Used WebSocket to communicate with server, implemented instant communication between different clients.
- Used AFNetworking to resolve data and NSUserDefaults to store user's information locally.
- Adapted design patterns, such as single instance, observer and etc.

### Gesture Recognition Based on Deep Learning

July.2020 – Aug.2020

*Python* Team Project

A recognition software that can recognize different gestures in various environment.

- Self-designed datasets, adapted Google Cloud Platform, Transfer Learning and self-scratching to build models.
- The highest Top 1 Acc is 97.3%, the highest Top 3 Acc is 100%.
- Deployed on edge device, the latency is less 40 ms.

## ⚙ PROFESSIONAL SKILLS

- Programming Languages: C, Python, Objective-C, Swift, Java
- Platform: macOS, Windows
- Development: iOS

## ♡ HONORS AND AWARDS

HUST Excellent Student Cadre

Jul.2019

1<sup>st</sup> Prize, HUST Mobile App Development Competition

Nov. 2020

HUST Software Engineer School Self-improvement Scholarship

Mar.2019

## ℹ MISCELLANEOUS

- Interest: Photography
- GitHub: <https://github.com/Godlowd>
- Languages: English - Fluent TOEFL 100/120), Mandarin - Native speaker