

Wu Jiayao

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ACADEMIC HISTORY

Shanghai Jiao Tong University - UM-SJTU Joint Institute

Shanghai, China

Bachelor of Science in Electrical and Computer Engineering

August 2021

Major GPA: 3.49/4.00

Coursework: Intro to Operating System, Intro to Algorithm, Data Structure and Algorithm

EXPERIENCE

CoreOS China

Apple Inc.

Software engineer intern

January 2020 - July 2020

- Maintain and enhance an internal tool that automates software installation in factories.
- Program a web application for users to custom their own workflow by combining various automation modules using React.js
- Maintain and create API for the back end of the automation internal tool with Django.

UM-SJTU Joint Institute

Course: Intro to Algorithm & Intro to Operating System

Teaching Assistant

September 2020 - December 2020

- Maintain a git server of 200 students users from 3 programming courses.
- Assist the instructor in designing Linux programming and algorithm coursework

PORTFOLIO

Coursework: Shell development

Course: Intro to Operating System

C in Linux

- Developed a shell with C in Linux that was multi-process and supports redirection
- Enhanced the shell to support pipe, signal capture, exception handle, background job

Coursework: Database development

Course: Intro to Operating System

Teamwork with C++ 11

- Programmed a database with C++ 11 in Linux that supports SQLite format inputs.
- Upgraded the database so that it can be executed in multi threads.
- Managed the code and tested the program for the team

SKILLS

Programming: C/C++, Python (Django), JavaScript (React.js, Node.js)

Languages: Proficient in English (TOEFL: 107), fluent in Japanese