

Jiayao (Mike) Wu

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EDUCATION

University of Michigan

Master of Science in Information

Areas of focus: User-Centered Agile Development, Interaction Design

Ann Arbor, MI

Expected Apr. 2023

Shanghai Jiao Tong University (UM-SJTU Joint Institute)

B.S.E. in Electrical and Computer Engineering

Courses covered: Operating System, Algorithm, Hadoop & Big Data

Shanghai, China

Sept. 2017—Aug. 2021

EXPERIENCE

Apple Inc.

Software Engineer Intern

- Joined CoreOS China team, working on an internal tool that automates routine tasks at Apple's manufacturing lines in China.
- Implemented the front end that allows users to create template or customized workflows for routine manufacturing tasks.
- Designed the user interface, providing a streamlined experience to build and modify workflows.
- Evaluated data and visualized in Python such as line charts of monthly usage.
- Improved the team's productivity by saving an average of 4 hours per workflow.

Shanghai, China

Jan. 2020—Jul. 2020

Shanghai Jiao Tong University

Teaching Assistant (operating system, algorithm, C++)

- Hosted review sessions and discussion sessions.
- Prepared new assignments in Python/C++, wrote detailed specifications.
- Programmed Python scripts to automate grading, used in 4 courses.

Shanghai, China

May 2020—Aug. 2021

TECHNICAL SKILLS

Programming: C (Linux), C++, Python, JavaScript, TypeScript, C#, Java, Golang

Web Development: HTML5, CSS, React.js, Angular.js, Next.js, Django

DevOps: Linux, Docker, Git, Unity, Nginx, Hadoop

PROJECTS

JOJ — Web-based Auto-grader for UM-SJTU Joint Institute

Front End Developer & Maintainer

- Maintained the server and troubleshoot runtime errors.
- Re-design the front end using React.js and TypeScript.

Sept. 2020—present

Self-hosted Git Service of UM-SJTU Joint Institute

Developer & Maintainer

- Built the Git Service with Gitea in Golang, used by 200+ students from 4 technical courses.
- Programmed scripts and wrote documentations for faculty and teaching assistants.

Sept. 2020—Aug. 2021

LEADERSHIP

Network & Information Management Organization (NIMO)

Assistant Director

- Moderated weekly officer corps meetings.
- Planned and directed the annual recruitment.
- Assisted faculty and students with campus network and troubleshoot problems.

Apr. 2018 – Jul. 2021

Sept. 2019 – Sept. 2020