

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

- Developed an internal web application with React and Django that automates routine tasks by saving 2 hours per task and was used by multiple teams and factories across China
- Collected and analyzed usage statistics, highlighted in the team's annual report

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 modern C++, wrote detailed specifications
- Programmed Python scripts to automate grading scripts, used in 4 courses.

Shanghai, China

May 2020—Aug. 2021

TECHNICAL SKILLS

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

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

Data Management: MongoDB, PostgreSQL, MySQL, Google Firestore

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 students with campus network and troubleshoot problems.

Apr. 2018—Jul. 2021

Sept. 2019—Sept. 2020