

Jasmine Wu

jasminewu2.com · 847-477-3312 · jasminew@mit.edu

EDUCATION

Massachusetts Institute of Technology

BS Computer Science, *GPA: 4.8/5.0*

Cambridge, MA

Graduating 06/2023

Completed Coursework: Software Construction, Data Structures, Algorithms, Computer Systems

Enrolled Coursework: Dynamic Computer Language Engineering, Digital Systems Lab

SKILLS

Languages : Python, Javascript, C, Java, Hack, GraphQL

Platforms/Apps : AWS, Terraform, Docker, Django

WORK EXPERIENCE

Meta - Software Engineer Intern

05/2022 - 08/2022

- Developed a web-based tool for internal recruiters to safely create and modify online assessments.
- Collaborated with users and teammates to propose and implement additional features.
- Additional Work: Exploratory research on sandboxing code execution in an AWS EC2 Linux Instance.

iRobot - Data Engineering Intern

06/2021 - 08/2021

- Modified and wrapped an open source tool in a Python package to streamline the annotation workflow.
- Supported the deployment of the Python package by fixing bugs and adding requested features.

RI Bio - Software Freelancer

03/2021 - 08/2021

- Designed an API which queried multiple databases, then compiled and outputted results in an excel workbook.
- Implemented algorithms that provided insights on author frequency, document similarity, etc.

Kinedu - Software Engineer / Machine Learning Intern

10/2020 - 01/2021

- Developed an REST API for a microservice using Django to streamline the A/B testing process.
- Analyzed data on early consumer behavior using Python ML tools to increase customer retention rates.

Thrasio - Brand Management Intern

01/2020 - 02/2020

UNDERGRADUATE RESEARCH EXPERIENCE

MIT Energy Initiative

01/2021 - 02/2021

Independent Project: Developed an empirical model of natural gas demand in the Northeast based on hourly temperature data, regional demographics, and past consumption.

MIT McGovern Institute

10/2020 - 01/2021

Contributions: Created UI with Adobe XD and conducted market research for an auditory feedback app.

MIT Media Lab

03/2020 - 08/2020

Contributions: Interpreted and translated code for the Fluid Music Engine from JavaScript to Python.

TEACHING EXPERIENCE

MIT Department of EECS - Teaching Assistant, Fundamentals of Programming

02/2021 - 05/2021

- Supported learning in Python course on algorithmic techniques, data types, and recursion.
- Hosted office hours with other TAs to help debug assignments and understand new concepts.

Juni Learning - Python Instructor

05/2020 - 09/2020

ACTIVITIES

Red Cross - Volunteer Screening Team

01/2022 - Present

- Automated the volunteer assigning process to improve accuracy and efficiency.

MIT Women's Openweight Rowing - Coxswain

09/2019 - 01/2022

- Communicated effectively between team and coach to resolve conflicts professionally.
- Developed an understanding of the rowing stroke and the rower's mindset to improve team performance.