

JAMES WENG

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EDUCATION

University of Michigan

MSE in Computer Science & Engineering (GPA: 4.0/4.0)

BSE in Computer Science (GPA: 3.8/4.0)

Bronx High School of Science

Advanced Designation with Honors

Ann Arbor, MI

January 2022 – May 2023

September 2018 – December 2021

Bronx, NY

September 2014 – June 2018

EXPERIENCE

Graduate Student Instructor (Intro to Operating Systems)

University of Michigan

August 2022 – Present

Ann Arbor, MI

- Assist students in project and lecture material in office hours and online forum
- Teach laboratory section to reinforce lecture concepts and introduce useful idioms/techniques for projects

Graduate Student Instructor (Programming & Intro Data Structures)

January 2022 – April 2022

Teaching Assistant (Intro to Operating Systems)

August 2021 – December 2021

Software Engineering Intern

Snap Inc.

May 2022 – August 2022

Santa Monica, CA

- Created new chart types for Mercury, Snap's data visualization tool
- Collaborated with PMs/users to develop user requirements
- Documented work allowing extension of new charts for future use cases

SDE Intern

Amazon Web Services

May 2021 – August 2021

New York, NY

- Designed and created backend to calculate, store, and display frequency metadata for AWS Data Exchange (ADX) products
- Collaborated with ADX engineers and PMs to develop frequency calculation pipeline and customer requirements
- Documented system design and design decisions for future maintenance and additional metadata

SDE Intern

Amazon Web Services

June 2020 – August 2020

Seattle, WA (virtual)

- Designed, built, and deployed logs analyzer tool to obtain BI data from Elastic Container Service (ECS)
- Collaborated with ECS managers, PMs, and other stakeholders to identify pain-points in current tool and remedy them
- Worked with technologies like AWS Lambda, SQS, S3, and CloudWatch to complete project

Software Engineering Intern

Fulcrum Global Technologies

May 2019 – August 2019

Chicago, IL

- Pitched and developed Kaptic, a mechanical keycap marketplace with team of developers, UX designer, and PM
- Created marketplace backend and deployed Kaptic backend and frontend
- Assisted other interns and teams to deploy backends and infrastructure

TECHNICAL SKILLS

Languages: C++, Python, Go, TypeScript

RELEVANT COURSEWORK

- Introduction to Distributed Systems (EECS 491)
- Introduction to Operating Systems (EECS 482)
- Introduction to Machine Learning (EECS 445)
- Search Engine Design (EECS 440)
- Data Structures & Algorithms (EECS 281)