James Weng

New York, NY
📞 +1 (917) 838-6225 · ✉ wengj9@gmail.com
wengj9 · in wengjames

EDUCATION

University of Michigan
Master of Science in Computer Science

Ann Arbor, MI
(expected) January 2022 – December 2022

University of Michigan
Bachelor of Science in Computer Science
GPA: 3.82/4.0

Ann Arbor, MI
September 2018 – December 2021

The Bronx High School of Science

Bronx, NY
September 2014 – June 2018

WORK EXPERIENCE

Amazon Web Services
SDE Intern

New York, NY
May 2021 – August 2021

- 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 calcuation pipeline and customer requirements
- Documented system design and design decisions for future maintenance and additional metadata

Amazon Web Services
SDE Intern

Seattle, WA (virtual)
June 2020 – August 2020

- Designed, built, and deployed logs analyzer tool to assist PMs 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

Fulcrum Global Technologies
SWE Intern

Chicago, IL
May 2019 – August 2019

- Pitched and developed Kaptic, an online mechanical keycap marketplace with other developers, UX designer, and Product Owner in Agile configuration
- Created marketplace backend and deployed Kaptic backend and frontend
- Researched and prototyped future infrastructure requirements such as payment processing and fulfillment options

SKILLS

Programming Languages C++, Python, TypeScript

RELEVANT COURSEWORK

- Search Engine Design (EECS 440)
- Introduction to Operating Systems (EECS 482)
- Introduction to Machine Learning (EECS 445)
- Data Structures and Algorithms (EECS 281)
- Programming Paradigms (EECS 398)

HONORS

- Dean's Honor List, College of Engineering, University of Michigan   *Fall 2018 – Winter 2021*