James Weng

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EDUCATION

University of Michigan   Ann Arbor, MI
Computer Science & Engineering MSE   *January 2022 – December 2022*

Computer Science BSE   *September 2018 – December 2021*
GPA: 3.82/4.0

The Bronx High School of Science   Bronx, NY
September 2014 – June 2018

WORK EXPERIENCE

University of Michigan   Ann Arbor, MI
Instructional Aide (Introduction to Operating Systems)   *August 2021 – December 2021*

- Assisted students in project and lecture material in office hours and online forum
- Taught discussion section to reinforce lecture concepts and introduce useful idioms/techniques for projects

Amazon Web Services   New York, NY
SDE Intern   *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 calculation pipeline and customer requirements
- Documented system design and design decisions for future maintenance and additional metadata

Amazon Web Services   Seattle, WA (virtual)
SDE Intern   *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

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)

HONORS

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