

ERIC CHEN

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WORK EXPERIENCE

Amazon Web Services Seattle, WA
Software Development Engineer II

July 2020 – Present

- ◆ <https://aws.amazon.com/managed-services/>
- ◆ Worked at a managed services provider deploying cloud infrastructure to enterprise clients, helping them manage and scale their applications
- ◆ Utilized native AWS services such as Lambda, DynamoDB, and CloudFormation, deploying resources through CI/CD pipelines
- ◆ Designed system architectures based on user requirements, delivering tailored solutions to customers

JP Morgan Chase Chicago, IL
Software Engineering Intern

June 2019 – Aug 2019

- ◆ Developed the "Chaos Proxy" application, which simulated network latencies and outages experienced by network requests to the various mock services used by the application during high load performance testing (Similar to the Chaos Monkey Project - Netflix)
- ◆ Created a UI dashboard to allow performance testers to configure various mock services using ReactJS and Bootstrap. The server side proxy application was developed using Spring Boot
- ◆ Used Maven to build backend and frontend into a single war file for deployment on Tomcat

Harman/Samsung Vernon Hills, IL
Software Engineering Intern

May 2018 – Aug 2018

- ◆ Used Python Flask web framework to connect Postgresql to Python through ORM and Graphql
- ◆ Created Python script to create nodes and relationships for company models in GraphDB (Neo4j)

Software Engineering Intern

May 2017 – Aug 2017

- ◆ Used a data intelligence platform powered by Splunk to search, analyze, and visualize big data
- ◆ Wrote Python code and regex to format Android log files and index them into Splunk for analysis
- ◆ Developed Python modules to analyze Android HMI tickets by important attributes such as Priority, Date, and generate reports for tickets without log files

Cornell University Ithaca, NY

Aug 2017 – Present

Differential Equations AEW Facilitator

- ◆ Prepared worksheets and lectures for students taking the differential equations class
- ◆ Met biweekly with other facilitators to learn and train about active learning techniques

Data Structures and OOP Teaching Assistant

Machine Learning for Intelligent Systems Teaching Assistant

Aug 2019 – Dec 2019

Artificial Intelligence Teaching Assistant

Aug 2018 – Dec 2018

Computer Systems Organization Teaching Assistant

Jan 2019 – May 2019

- ◆ Helped grade homework and exams for respective class
- ◆ Held office hours and helped students understand the material

EDUCATION

Cornell University Ithaca, NY
Bachelor's of Computer Science

Aug 2016 – May 2020
GPA: 3.65

Minor in Business

Master's of Engineering Computer Science