ERIC CHEN

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EDUCATION

Cornell University Ithaca, NY   Aug 2016 – May 2020
Bachelor's of Computer Science
Master's of Engineering Computer Science
GPA: 3.65

WORK EXPERIENCE

JP Morgan Chase Chicago, IL   June 2019 – Aug 2019
Software Engineering Intern
- ♦ 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

Machine Learning for Intelligent Systems Assistant   Aug 2019 – Present
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

TECHNICAL SKILLS

Languages:	Java, Python, Javascript, R, C++, HTML, SQL, OCaml, Cypher
Platforms:	Windows, OS X, Linux
Tools:	Regex, Git, Splunk, Flask, Neo4j, ReactJS, SpringBoot, REST