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Ethan Wang

OBJECTIVE

To obtain a new graduate entry level software engineering position to continue to advance my software development skills and expand my knowledge of industry.

EXPERIENCE

Salesforce, San Francisco — *Intern, Performance Engineering*

June 2019 - September 2019

- Investigated database performance between MySQL on AWS EC2, RDS, and Aurora to determine an appropriate location for production data store
  - Leveraged sysbench and custom Lua scripts to match production data shape and traffic model
  - Created Bash and Python scripts to ease automation and data aggregation, using the Google Sheets API
  - Presented results and key takeaways to product managers and executives

Salesforce, San Francisco — *Intern, Performance Engineering*

June 2018 - December 2018

- Developed an automated framework to run backend load tests against standalone AWS instances of the Salesforce core application
  - Utilized Taurus, JMeter, and InfluxDB to run and store tests
  - Wrote Bash scripts and a Java Spring Boot application to automate setup and upload test results
  - Created custom Apex controllers to expose an API to parse and store data in Salesforce

Xueban Software, Shanghai — *Intern, Software Engineering*

June 2016 - September 2016

- Developed a question and answer web application on WeChat
  - Created with HTML and JS using the AmazeUI framework and API calls to the backend server
- Tested, reported, and fixed bugs in the primary Coursera-like application on WeChat

PERSONAL PROJECTS

edw013.github.io

- Used React, Bootstrap, and GitHub Pages to create and host a single-page application frontend
- Used Node.js, MongoDB, and Heroku for the backend server and database

A multiplayer battle royale-style game

- Used TypeScript and Node.js for both client and server
- Utilized Socket.IO for real-time client-server communication

SKILLS

Java, Python, JavaScript, TypeScript, C, C++, MySQL, HTML, Bash, Git, Linux, AWS, Microsoft Office

EDUCATION

UC San Diego, San Diego — *B.S. Computer Science, anticipated December 2019*

September 2015 - Present

AWARDS

Top 8 in Beginner's Programming Competition, WIC at UCSD, Winter 2016