Sho Kondo

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TECHNICAL SKILLS

Front End - JavaScript (ES5 and ES6), React, HTML5, CSS3, Bootstrap, Sass
Back End - Python, Node, Express, PostgreSQL, MongoDB, MySQL, RESTful API Development
Testing/Deployment - Jest, Mocha, Chai, AWS - EC2, Postman, Docker
Developer Tools - Vim, Git, npm, Webpack, Babel, React Dev Tools, Chrome Dev Tools

SOFTWARE ENGINEERING APPLICATIONS

Dorfdash - Postgres | Express | React | Node.js
- Led the development of the backend team to build infrastructure for an event planning and rideshare app
- Created a hosted API service capable of serving 1000+ users with ~40ms query times and 0% error rates
- Oversaw integration of the Google Maps API and developed an algorithm to suggest riders for drivers to pick up based on user location

Atelier Products Service - Postgres | Express | React | Node.js
- Refactored an existing service to handle 8000 requests/sec using load-balancing with NGINX and client pooling
- Optimized PostgreSQL schema with efficient keys, indices, and queries to reliably handle 11mil records
- Decreased query times during stress testing cycle by identifying bottlenecks using Loader.io, k6 and New Relic
- Deployed on AWS EC2 with Docker to horizontally scale the API with multiple servers and a reverse proxy server

Project Catwalk - React | Node.js
- Created and integrated the "Ratings & Reviews" section for an e-commerce site while maintaining consistent data flow and managing state using React Context
- Implemented unit and end-to-end tests with Jest and Enzyme to guide TDD and achieve 80% test coverage

Trading Bot - Python
- Developed a trading bot utilizing the TD Ameritrade API to automate trades, yielding a 3% increase in capital
- Utilized a web scraper to aggregate stocks with highly speculated price action to drive automatic trading
- Maintained data frame with entries for stock name, purchase price, and buy/sell date for each trade

WORK EXPERIENCE

Program Technician @ *The Basement*   **Dec 2019 - July 2021**
- Spearheaded the complete redesign of company website using Javascript, HTML, and CSS to make the site more modern, compliant with accessibility practices, and capable of tracking user traffic and analytics
- Developed Python scripts to consolidate, clean, and analyze event-related datasets provided by The Basement to generate quarterly metrics reports and statistical visualizations on program participants
- Oversaw development of project prototypes, including tracking of design requests, design development, manufacturing of 3-D models, and worked with teams from initial request to completion of prototypes

Data Analyst Intern @ *Ateios*   **July 2019 - Sept 2019**
- Developed Python scripts to streamline data processing, prepping hundreds of datasets with 4000+ records
- Generated statistical visualizations from pre-processed datasets to quickly summarize variance in prototype test results, resulting in a significant increase in speed of overall development

EDUCATION

Hack Reactor - Advanced Software Engineering Immersive Program   **Completion: Sept 2021**
Topics: Web Application Development, RESTful APIs, Agile Methodologies, Test Driven Development, Git Version Control
University of California San Diego   **Graduation: June 2021**
Bachelor of Science, Mechanical Engineering
Relevant courses: Object Oriented Programing, Advanced Algorithms and Data Structures, Engineering Computation