JASON JI

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EDUCATION

UC Berkeley

BA: Computer Science &
Pure Mathematics, Honors
Expected - 2020

Coursework

Operating Systems
Databases
Computer Security
Algorithms
Computer Architecture
Data Structures

Optimization Models
Functional Analysis
Abstract Algebra
Linear Algebra
Discrete Math
Probability Theory
Mathematical Economics

EXPERIENCE

The Voleon Group

SwEng Intern
May 2018 - Present

Working with small teams in a bay area hedge fund. Creating tools for and maintaining the internal infrastructure used across platforms.

Using Go, gRPC, Kafka, Docker, Kubernetes, Python, Git, Bazel, Airflow, and Jenkins, among other things.

SaRA Health

SwEng Intern
Dec 2017 - Feb 2017

Worked with a small startup team to create a new system for physical therapy.

Used Flask, Docker, Python, AWS (Elastic Transcorder), and HTML to create the video upload system for physical therapists to upload and retrieve video files.

AbbVie

Database Intern
May 2017 - Aug 2017

Worked with Scientific Affairs in the pharmaceutical division. Amalgamated data across research teams and campuses into one cohesive and modern database.

Wrote scripts in Python for efficient data handling.

SKILLS

Go
SQL (Postgres)
Python
C
Java
JavaScript (Node.JS)
Docker
Git
gRPC + Protobuf
Jenkins
Airflow

PROJECTS

Dragon-Bot

Developer
Aug 2017 - Jan 2019

Worked with a small team to create a custom Discord bot from the ground up in Python.

Developed functionality for providing weather data, stock price/info, Google Image Search, and meme generation.

HMWK.IO

Developer
CalHacks 3.0

Developed a web application with file uploading and processing with computer vision.

Built with Node.JS, MongoDB, OpenCV, AWS, and the MEAN Stack (REST + CRUD).