

JASON JI

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EDUCATION EXPERIENCE

UC Berkeley

BA: Computer Science
BA: Pure Mathematics
with Honors
Expected - 2020

The Voleon Group

SWE Intern
May 2018 - Present

Working with the Typical Set arm of The Voleon Group, a Berkeley-based hedge fund. Creating tools for and maintaining the internal infrastructure used for trading, deployment, and research.
Using Go, gRPC, Protobuf, Kafka, Docker, Kubernetes, Python, Git, Bazel, and Jenkins.

Coursework

Operating Systems
Databases
Computer Security
Algorithms
Computer Architecture
Data Structures

Optimization Models
Honors Real Analysis
Honors Abstract Algebra
Complex Analysis
Linear Algebra
Differential Equations
Discrete Math
Probability Theory
Mathematical Economics

SaRA Health

SWE Intern
Dec 2017 - Feb 2017

Worked with a small startup team to create a new portal and system for physical therapy.
Used Flask, Docker, Python, AWS and Elastic Transcoder, 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.

PROJECTS

Dragon-Bot

Developer
Aug 2017 - Jan 2019

Working with a small team to create a custom Discord bot from the ground up in Python.
Working on providing weather retrieval, stock price/info, Google Image Search, and meme generation.

Trading Algorithm

Developer
Aug 2017

Working on a trading algorithm using financial engineering libraries and machine learning.
Using PyTorch as well as Quantopian's API and data bank.

HMWK.IO

Lead Developer
CalHacks 3.0

Developed a web application for homework assistance with file upload and response pages.
Built it with Node.JS, MongoDB, OpenCV, Amazon Web Services, and the MEAN Stack (REST + CRUD).

SKILLS

Go
Docker
Git
gRPC + Protobuf
SQL (Redis, MySQL)
Python (PyTorch, Flask)
C
Java
Linux, Unix
JavaScript (React, Meteor)