WEBSITE
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JASON JI

Software engineer at The Voleon Group. Interested in infrastructure, CI/CD, quantitative finance, security, and all of the associated buzzwords.

The Voleon Group

Software Engineer
May 2018 - Present

SaRA Health

SWE Intern
Dec 2017 - Feb 2017

ABBVIE INC.

Database Intern
May 2017 - Aug 2017

DRAGON-BOT

Developer
Aug 2017 - Present

STOCK-ALGO

Solo Developer
Aug 2017 - Present

HMWK.IO

Lead Developer
CalHacks 3.0

UC BERKELEY

BA: CS & Math
Graduation - 2020

EXPERIENCE

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

Worked with a small startup team to create a new portal and system for physical therapy. Using Flask, Docker, Python, AWS and Elastic Transcorder, and HTML to create the video upload system for physical therapists to upload and retrieve video files.

Worked with the Scientific Affairs team 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

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

Working on creating an algorithmic trading algorithm using financial engineering libraries, mathematics, and machine learning. Using PyTorch and Python, as well as Quantopian's API and data bank.

Designed and built a web application using Node.JS, MongoDB, Amazon Web Services, and the MEAN Stack (REST + CRUD). Used OpenCV to read images of homework and search for related sources online. Created a file upload interface, website, and a response page.

EDUCATION

Taking: Databases, Computer Security, Honors Real Analysis, Mathematical Economics
Courses Taken: Algorithms, Computer Architecture, Discrete Math & Probability, Data Structures, Linear Algebra & Differential Equations, Honors Abstract Algebra, Multivariable Calculus

SKILLS

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