

WEBSITE

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MOBILE

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JASON JI

Experienced developer with a strong background in databases, back-end development, and optimization. Interested in quantitative finance.

EXPERIENCE

The Voleon Group

SWE Intern

Start: May 2018

Working with the Typical Set arm of The Voleon Group, a Berkeley-based hedge fund. Integrating algorithms into, as well as maintaining and upgrading, various aspects of the pipeline. Working with a small team using various technologies.

SaRA Health

SWE Intern

Dec 2017 - Feb 2017

Worked with a small startup team to create a new portal and system for physical therapy. Using 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 INC.

Database Intern

May 2017 - Aug 2017

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

DRAGON-BOT

Developer

Aug 2017 - Present

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.

STOCK-ALGO

Solo Developer

Aug 2017 - Present

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.

HMWK.IO

Lead Developer

CalHacks 3.0

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

UC BERKELEY

BA: CS & Math

Graduation - 2020

Taking: Honors Abstract Algebra, Multivariable Calculus, Computer Architecture
Courses Taken: Algorithms, Discrete Math & Probability, Data Structures, Intro to Computer Science, Linear Algebra & Differential Equations

SKILLS

Python (PyTorch, Flask)



Java



JavaScript (React, Meteor)



HTML + CSS



SQL (Redis, MySQL)



Linux (Ubuntu, Debian)



C



Algorithmic Trading



C++



Unix

