

## WEBSITE

www.con-ji.me

## EMAIL

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## MOBILE

+1(847) 224 - 7380

# 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

