Jackie Dong

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EDUCATION

Yale University — *New Haven, CT*
B.S. in Computer Science & Certificate in Statistics and Data Science & Certificate in Chinese — *Expected Graduation: June 2024*
GPA: 3.78 / 4.00
Coursework: Data Exploration and Analysis, Data Structures and Programming Techniques, Discrete Math, Introduction to Systems Programming and Computer Design, Object Oriented Programming, Probability and Statistics, Theory of Statistics

Stuyvesant High School — *New York, NY*
GPA: 4.00 / 4.00 — *September 2016-June 2020*
Standardized Testing: SAT 1550 | SAT II: Math IIC (800), Physics (800), Chemistry (800)

EMPLOYMENT

Yale University — *New Haven, CT*
Incoming Undergraduate Learning Assistant — *August 2022-January 2023*
- Incoming learning assistant for CPSC: 323 Introduction to Systems Programming and Computer Design

Seto Labs — *New Haven, CT*
Data Analyst — *February 2022-June 2022*
- Implemented a web-scraping algorithm to help create a database of all natural disasters since 2012 in India linked to electricity outages
- Assisted in the development of an algorithm to automate the conversion of raster images from NASA's public Black Marble dataset to easily interpretable time-series graphs.

The Chinese Chamber of Commerce of New York — *New York, NY*
Finance and Marketing Intern — *June 2019-September 2019*
- Acquired over 40 company sponsorships to finance the API Career Fair and Immigration
- Attracted over 10,000 participants for the Immigration, Education, and Health Fair, International Travel and Taiwan Tourism Festival, and API Career Fair through advertising with flyers and emails.

PROJECTS

YMajors
Mongoose, Express, NodeJs, ReactJs
- Designed fully RESTful API to control user functions using Express.Js with MongoDB as a persistence layer while using ReactJs on the frontend
- Integrated Yale CAS using the passport-cas2 library to provide users a smooth and trusted authentication experience
- Constructed the backend to frontend logic for the nested component card-view and the drag and droppable semester-view page facilitating easier visualization of major requirements

Cryptocurrency Portfolio Tracker
Python, Flask
- Incorporated API calls to Coinbase and Cryptopanic and stored data efficiently in SQLAlchemy backend
- Utilized Plotly to provide users multiple data visualization options including portfolio price movement over time, average purchase price for each token, portfolio asset distribution, and profit and loss per token

EXTRACURRICULARS

Yale Undergraduate Diversified Investments — *New Haven, CT*
Project Manager — *October 2020-Present*
- Lead weekly project team meetings focused on sourcing new startups for Startup Runway
- Present slide-deck analyzing the growth of the travel nurse industry and how the market segment will perform post pandemic to LittleJohn Co.
- Attend weekly hour-long lectures on topics including financial accounting, financial valuation (DCF, comparable company, precedent transaction, LBO), M&A analysis, financial restructuring, and fixed income

JD Ecommerce — *New York, NY*
Merchant — *September 2016-Present*
- Amassed $70,000 dollars in sales and $15,000 in profits by reselling streetwear items from thrift stores and retailers
- Accumulated over 300 sales on online platforms such as Grailed, Ebay, StockX, and Stadium Goods while maintaining five star seller feedback

Matriculate — *New Haven, CT*
Advising Fellow — *May 2021-May 2022*
- Advised three high school students throughout the college application process from financial aid application to scholarship match
- Created nuanced twelve month schedules containing key deadlines to help mentees stay on track and stay engaged

SKILLS & INTERESTS

- **Languages:** C, Python, Javascript, HTML/CSS
- **Frameworks/Technologies:** Git, Flask, MongoDB/Mongoose, NodeJs, REST API, ReactJS, RStudio