

Jiasheng (Jason) Xiao
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EDUCATION:

University of California, Berkeley
Bachelors of Science, Electrical Engineering and Computer Science
Major GPA: 3.7

Berkeley, CA
May, 2020

Relevant Course Work:

EE16A and EE16B (Information Systems Design), CS61A (Program Structures and Complexity), CS61B (Data Structures), CS70 (Discrete Mathematics and Probability), Statistics 134 (Probability Theory), CS188 (AI), Data 8 (Data Science).

EXPERIENCE:**JD.COM**

May. 2018 – Aug. 2018

SCOT (Supply Chain Optimization Team) --- Algorithms Engineer

- Generated sales forecasts by training and comparing machine learning regressors to predict and adapt to fluctuations due to holidays, promotions, discounts, seasons etc.
- Optimized product reallocation and replenishment at different distribution centers by constructing an automated decision algorithm for each based on sales forecasts. Reoptimized reallocation and replenishment after applying realistic constraints (SKU Volume Cap, etc.)
- Conducted basic data cleaning via MySQL on sales and inventory data.
- Ranked first place in the intra-company "Supply Distribution Network Optimization Competition" with a 60% decrease in operational costs in simulation.

Wanda Futures

May. 2017 – Jun. 2017

Quant Trader, Algorithms Engineer

- Wrote computer algorithms for a trading platform called "TradeBlazer" aimed to minimize risk, maximize efficiency, consistency and ultimately profits; algorithms produce a 185% return in a six month simulation.
- Constructed trading algorithms using Bollinger Channels (examining change based on statistical characteristics extracted from real time data).
- Optimized trading algorithms using Curtis Faith's idea of the "Turtle Way" for long and short trade decisions.

NextGen Consulting at UC Berkeley

Dec. 2016 – July. 2018

Executive Vice President

- Managed and assisted five different consulting projects. Ranging from tech companies like Zumper, TakeATour, to food providers like Makers Common, non-profits like Holux etc.
- Cooperated with a startup incubator "The PlayScape" to host a startup competition with a 10,000 USD prize pool aimed to help students kick off their startup ideas.

Project Manager

- Led a team to improve Re-Plate's operational efficiency.
- Optimized Re-Plate's workforce allocation through data analysis, specifically focused on supply distribution.
- Provided growth and managerial suggestions based on observed trends.

Berkeley Hyperloop

Aug. 2016 – Apr. 2017

Research and Development Team:

- Participated in the design and research of the magnetic levitation system of the prototype Hyperloop pod.
- Participated in the design and research of the braking system.

SKILLS:

Spoken Languages: English (Native), Chinese --- Mandarin (Native).

Computer Languages: Python, Java, MATLAB, MySQL.