Jason Wong

My Story: jasonwonton.github.io
I hope to be the bridge between business and data.
jw2377@cornell.edu | (408) 824-0923 | 1446 Saratoga Dr, Milpitas, CA, 95035 | linkedIn.com/in/jasonwonton

EDUCATION
CUMULATIVE GPA: 3.96

Cornell University | **Ithaca, New York**
B.S. Applied Economics and Management
3.95 Minor in Computer Science

Expected Graduation June 2020
Major GPA:
Total GPA: 3.90

Mission College | Santa Clara, California
Computer Science

2017 - 2018
GPA: 4.00

WORK EXPERIENCE

Notita | Creator
February 2019 - Present
- Aggregate and source live financial/market data to provide dashboard services and a data pipeline for traders.
- Develop and backtest algorithmic trading strategies primarily based on academic research findings.

Cornell University | Undergraduate Research Assistant | David Ng
October 2018 - Present
- Trained a machine learning (Naive Bayes) model to classify and parse through business reports. This model will give us a binary probability estimate on whether the language in the reports indicate an effect on earnings through climate change. Also implemented various fail-safes within this model to increase accuracy.

Cornell University | Undergraduate Researcher | Aija Leiponen
September 2018 - Present
- Scraped, analyzed, and helped build visualization models pertaining to patent holding companies & patent assertion entities, which was used to conduct a study on whether patent hoarding is detrimental to economic innovation.
- Expedited and automated a semester long data collection process (120,000 data points) to 2 weeks.
- Conducting research on data privacy trends across various industries.

Milpitas City Hall | Intern
Jan 2017 – May 2018
- Collected and analyzed qualitative survey data, which was then used to forecast and brainstorm different solutions and problems. Developed and helped pass a permit system for limited parking in a residential area.
- Analyzed Milpitas city budget expenditures and reported principal data to the mayor.
- Organized with Rich Tran (Mayor of Milpitas) on town halls and community outreach projects.

ACTIVITIES AND PERSONAL PROJECTS

Madden Coin Shop
- Monopolized game collectibles by monitoring market data and identified trends in supply and demand, uncovering opportunities in a rapidly changing virtual game environment.
- Utilized Bootstrap and jQuery frameworks to create a website selling virtual collectables, leading to approximately $4000 in profit.
- Sourced potential customers through social media and negotiated charges with customers.
- Implemented a semi-automatic goods delivery system with PayPal and Google Sheets.

Triangular Arbitrage Cryptocurrency Bot
- Attempted to exploit inefficiencies in low-volume cryptocurrency exchanges through a triangular arbitrage strategy.
- Used python and numpy to test trading theory and concluded that there was already overcrowdedness in the market, so the strategy was inefficient.

NBA Statistical Analysis
- Implemented Scrapy and Selenium frameworks to scrape recent sports data from NBA's website and used analytics (matplotlib, pandas, numpy) to understand and visualize the advanced statistics.
- Constructed a hustle index per game statistic by aggregating various statistics indicating effort.

Chess for Kids | Program Creator/Director
- Coordinated with library officials and volunteers to create a walk in chess program for K-8 children.
- Focused classes on strategy, logic, piece value, board control, and good sportsmanship.

TECHNICAL SKILLS AND INTERESTS

Programming: Python (Advanced) · Java (Intermediate) · Javascript (Familiar)
Web/Media: HTML · CSS · Flask · jQuery · Bootstrap
Analytics: SQL · Matplotlib · Numpy · Pandas · Seaborn · Plotly · Excel · Scikit-Learn · A/B Testing · Google Analytics

Awards: Dyson Diversity Scholar (1st Generation) · Dorchester Collection Case Finalist
Hobbies: Philosophy · Catan · 49ers (NFL) · Warriors (NBA) · Writing · Chess · Baduk · Cooking · Kaggle · Poker