Jason Wong

My Story: jasonwonton.github.io
I hope to be the bridge between business and data.
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EDUCATION

Cornell University | **Ithaca, New York** — Expected Graduation May 2020
B.S. Applied Economics and Management
B.S. Biometry and Statistics
Minor in Computer Science

Mission College | Santa Clara, California — 2017 - 2018
Computer Science — GPA: 4.0

WORK EXPERIENCE

Cornell University | Undergraduate Research Assistant | David Ng — October 2018 - Present
- In the process of training a machine learning (Naive Bayes) model to classify and parse through business reports. This model will give us a probability estimate on whether the language in the reports indicate an effect on earnings through climate change.

Cornell University | Undergraduate Research Assistant | Aija Leiponen — September 2018 - Present
- Scraped, analyzed, and helped build visualization models based on information from various databases pertaining to patent holding companies and 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.

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.

Bay Area | Private Tutor — Jan 2016 - Aug 2018
- Designed study materials and curriculum for 9 students in calculus, algebra, statistics.
- Created a LEGO robotics curriculum to teach 12 K-4 school children programming in the LEGO EV3 language.

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 the 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 · Javascript · VBA (Basic)
Web/Media: HTML · CSS · Flask · jQuery · Bootstrap
Analytics: SQL · Matplotlib · Numpy · Pandas · Seaborn · Plotly · Excel
Other: Powerpoint/Slides · Google Analytics
Interests: Philosophy · Catan · 49ers (NFL) · Warriors (NBA) · Writing · Chess · Go · Cooking · Swimming · Baking