

# Jason Wong

My Story: [jasonwonton.github.io](https://jasonwonton.github.io)

*I hope to be the bridge between business and data.*

[jw2377@cornell.edu](mailto:jw2377@cornell.edu) | (408) 824-0923 | 1446 Saratoga Dr, Milpitas, CA, 95035 | [linkedin.com/in/jasonwonton](https://www.linkedin.com/in/jasonwonton)

## EDUCATION

### Cornell University | Ithaca, New York

B.S. Applied Economics and Management (2018-2020)

Minor in Computer Science

Expected Graduation June 2021

Major GPA: 3.95

Total GPA: 3.90

## WORK EXPERIENCE

### Harvard University | Research Intern | Jorn Boehnke

May 2019 - Present

- Conducting Natural Language Processing research on product reviews, contributing to consumer pricing research.
- Utilizing a skip-gram learning model and KMeans for Amazon review corpuses.
- Work presented by advisor at Harvard Center of Mathematical Sciences and Applications's Big Data conference.

### Notita (Project Group) | 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 | Research Intern | David Ng

October 2018 - May 2019

- Trained a machine learning (Naive Bayes) model to classify and parse through business reports. This model will give us a binary 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 | Research Intern | Aija Leiponen

September 2018 - Present

- Scraped, analyzed, and built visualization models pertaining to patent holding companies & patent assertion entities, helping 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 virtual collectable store, netting ~\$4,000 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 smaller 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 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