

Yuping “Coco” Qi

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PROFILE

Master of Science in Business Analytics and detail-oriented data analyst with experience in business operation. Hands-on experience in quantitative / statistical analysis, pricing and forecasting. Developed robust modeling and reporting combined with strong analytical skills to facilitate executive-level decision making. Consensus-driven communicator ensuring team and organizational success.

TECHNOLOGIES

SQL, MongoDB, R, Python, Cloud-Based Technology, VBA, Tableau, MS Excel (Pivot table, vlookup), MS Azure, MS Access

EDUCATION

University of California, Davis

San Francisco, CA

M.S. in Business Analytics (GPA 3.7/4.0, GMAT 730/800 top 4%)

June 2020

Highlighted Coursework: Big Data, Data Mining, Machine Learning, Data Visualization, Inferential Statistics, Business Intelligence, Product Development, Risk Management

Case Western Reserve University

Cleveland, OH

B.S. in Accounting (GPA 3.8/4.0 cum laude)

Dec. 2018

Highlighted Coursework: Writing, Business Law, Excel Application & Modeling, Economics, Finance, Financial Reporting
Award: Dean's List, Civic Engagement Scholar | *Scholarship:* Weatherhead Scholarship | *Leadership:* Treasurer of PERIOD @ CWRU | *Honors:* Civic Engagement Scholar | *Licensure:* CPA eligible by June 2020

PROFESSIONAL EXPERIENCE

Air Safety Institute (MSBA Practicum)

San Francisco, CA

Project Manager & Data Analyst

Sept. 2019 – June 2020

- Aimed to research untapped General Aviation pilot reports and uncover probable causes of accidents
- Conducted exploratory data analysis using Tableau, obtained informative data summary, made feature selection, and performed data cleaning
- Applied kNN to categorize the incident reports and constructed a classification model to further categorize the incidents into “risky” and “non-risky”
- Created Topic Modeling to extract the risky words in the pilot narratives that might lead to incidents
- Visualized the above findings in Python for easy understanding of non-tech personnel
- Presented the final product to the management and made an auspicious contribution to the General Aviation community by identifying risky areas and providing foundations for further data science application

The Walt Disney Company

Shanghai, China

Operation Analyst Intern

June 2018 – Aug. 2018

- Assisted auditing in the sales department by using UML to design compliance checking procedures
- Conducted A/B testing on the quality of the compliance checking procedures
- Executed random sampling and hypothesis testing to compare different procedures
- Documented results and restrictions on the procedures and formed a report to the direct manager
- Provided a scientific method of checking if there is any compliance issue in the sales practices

Case Western Reserve University

Cleveland, Ohio

Teaching Assistant (Statistics Application in Business and Science)

Feb. 2015 – May. 2015

- Supported a graduate statistical project by collecting data regarding whether companies are privately or publicly owned and web-scraped 60,000 rows of data
- Organized the data into binary variables and dumped the data into MySQL

RESEARCH EXPERIENCE

B2B Price Optimization on Data Storage Products

Feb. 2020 – May. 2020

- Collected raw data from the company website and optimized sales price using logit model
- Created a one-page summary of our price optimization logistics and published the research paper to the online platform Medium