

Danny Zhen

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EDUCATION

Baruch College, City University of New York (CUNY), New York, NY
BBA in **Statistics and Quantitative Modeling**/Dual Minor in **Mathematics and Finance**

Expected: **May 2022**
GPA: **3.56/4.00**

Relevant Coursework:

Algorithms Computers and Programming I, Statistical Analysis for Economics and Finance, Business Statistics I, II, Calculus I, II, III

SKILLS

Programming: Python, R, SQL

Technologies: Microsoft Suite, Spyder, Anaconda

Certifications: Bloomberg Market Certification

Spoken Languages: Chinese (Conversational)

RELEVANT EXPERIENCE

Aponia Data Solutions

New York, NY

Data Science/Business Development Intern (Virtual)

Jun 2021 – Aug 2021

- Developed Natural Language Processing (NLP) Text Classification algorithm using Python, Numpy, and PyTorch with 95% validation accuracy in identifying types of contract clauses
- Processed and cleaned raw string data from contracts for contract analysis with Python Pandas to be used in contract classification machine learning model
- Created LinkedIn social media posts to generate sales leads and increased page impressions by 75%

Metropolitan Transportation Authority (MTA)

New York, NY

Winter Tech Intern (Virtual)

Jan 2021

- Collaborated in group of 4 over MS Teams to research strategies for an implementation of a Bring Your Own Device (BYOD) program to enable employees to securely work remote
- Analyzed solutions based on costs, cybersecurity, employee engagement, technology growth, and accessibility to plan efficient transition and implementation of BYOD model
- Presented solutions to over 10 MTA employees including Chief Technology Officer and other IT directors

PROJECTS

Design Think Project with Accenture

Oct 2020 – Nov 2020

- Engaged with Accenture professionals to incorporate design thinking into the problem-solving process
- Collaborated in a team of 5 through MS Teams to present tech strategies on how to elevate underground transit experience in large metropolitan cities in the Northeast
- Analyzed the needs of transit riders to elevate the underground transit experience and find areas of improvement

Case Competition with Target

Sep 2019 – Nov 2019

- Researched and proposed asset protection strategies to increase Target's sales through protecting in-store assets while improving guest experience
- Presented findings to a panel of Target store owners and Target security team director
- Placed second out of five teams by collaborating in a team of four to identify and solve existing asset problems

EXTRACURRICULAR

CUNY Tech Prep (CTP)

New York, NY

Data Science Fellow

Jun 2021 – Present

- Learn in-demand technologies like Python 3, Jupyter Notebooks, Pandas, Numpy, Scikit-learn, and SQL as well as industry best practices for exploratory data analysis (EDA), feature engineering, data collection and processing, statistical modeling, data visualization, machine learning techniques, data science process, and big data

Bloomberg Launch Program (BLP)

New York, NY

Participant

Aug 2021

- Participated in one week program to learn from Bloomberg professionals about core financial concepts and relevant transferable career skills for the work environment

Technology Leader Development Program (TLDP)

New York, NY

Technology Leader

Sep 2020 – May 2021

- Selected as 1 of 20 to participate in academic year-long technology focused development program focused on preparing for a career in technology
- Participated in professional development workshops, interpersonal skills training, technical skills workshops, and mentorships with tech professionals from Google, Microsoft, Facebook

Rising Starr Sophomore Program (RSSP)

New York, NY

Member

Sep 2019 – May 2020

- Accepted into competitive academic year-long leadership development program for sophomore year
- Engaged in soft skill workshops, mentoring program, networking events, and case competition
- Mentored a high school student through college application and college transition process