

JASMINE NG

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OBJECTIVE

Seeking a data science internship surrounding consumer insights to drive business decisions

EDUCATION

Cornell University, College of Engineering

Ithaca, NY

Master of Engineering, Operations Research: Data Analytics Concentration || GPA: 3.3

December 2021

Bachelor of Science, Operations Research || GPA: 3.3

December 2020

- **Relevant Coursework:** Simulation Modeling & Analysis, Data Science & Machine Learning, Applied Time Series Analysis, Statistical Data Mining, Stochastic Processes, Spreadsheet Modeling, Engineering Probability & Statistics, Big Messy Data

WORK EXPERIENCE

The Home Depot

Ithaca, NY

Data Science Co-op

November 2020 — Present

- Maximize order conversion rates by modeling the optimal landing destination for various clustered customer segmentations
- Implement attribution models based on association rule mining to reduce merchandising funnel chokepoints
- Feature Engineer queried clickstream data to include sensible consumer behaviors using Google BigQuery & Python

Aretove Technologies

New York, NY

Data Science Intern

June 2020 — August 2020

- Developed a product recommendation engine in Neo4j and Python for a retail client using e-commerce data
- Improved engine accuracy by 20% with data science solutions based on iterative feedback from weekly demos
- Implemented customer journey mapping into the model to include business solutions like projected revenue
- Introduced machine learning practices in Neo4j such as Cypher queries and clustering algorithms to the team

24/7 TEACH

New York, NY

Software Engineering Intern

June 2019 — September 2019

- Conducted and analyzed AB tests to optimize the user experience of the company's website
- Developed final company website by scratch over several iterations with feedback from the CEO
- Debugged, tested, and documented dozens of bugs with a data analysis application

LEADERSHIP EXPERIENCE

Cornell University Course Staff

Ithaca, NY

Teaching Assistant

August 2019 — December 2020

- Hosted weekly instruction and guidance sessions to tutor and mentor students in PHP, SQL, and JavaScript
- Led lab section of 30 students by facilitating classroom discussions and grading projects

Cornell Engineering Career Fair Team

Ithaca, NY

Product Manager, Logistics Director

October 2017 — May 2020

- Guided the development of the iOS and Android Career Fair Apps that are used by over 3,000 students
- Developed the team's website from scratch using SQL, PHP, HTML, and CSS
- Led the planning of the Technical & Entrepreneurial Career Fair—attracting over 140 companies

TECHNICAL SKILLS

- **Data Science Tools:** PyTorch, pandas, matplotlib, NumPy, scikit-learn, SciPy, seaborn, dplyr, ggplot2
- **Programming Languages:** Python, R, SQL, Cypher, Excel, Julia, PHP, Java, JavaScript, AMPL, HTML, CSS
- **Technologies:** Google BigQuery, Neo4j, Git, Excel, Simio, Jupyter, Geographical Information Systems