

# Darin Materman

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## EDUCATION

### Northeastern University, Honors Program

*Bachelor of Science in Economics and Political Science, Minor in Data Science*

**Relevant Courses:** Advanced Topics in Marketing Analytics, Applied Econometrics

**Study Abroad:** New College of the Humanities (Summer 2022) and Tohoku University (Summer 2024)

**Boston, MA**

**May 2025**

**GPA: 3.99**

## SKILLS AND TECHNOLOGIES

**Technologies & Certifications:** Microsoft Office, Factiva, Jira, ATLAS, CITI Social & Behavioral Certification

**Data Analysis and Visualization:** Python (Pandas, Seaborn, NumPy, Matplotlib, Selenium, Scikit-learn), Stata, Jupyter, SQL, Advanced Excel (PivotTables), Qualtrics, API's, HTML, JavaScript, CSS, Tableau (in progress)

## PROFESSIONAL EXPERIENCE

### Topline Strategy Group

*Associate Consultant Co-op*

**Newton, MA**

January 2024 – June 2024

- Led 10+ one-on-one market interviews with corporate executives and industry thought leaders. Synthesized results across a dataset to create case studies that assess client needs, leading to investment decisions
- Designed 6+ strategy presentations utilizing qualitative and quantitative data analytics (Qualtrics, Excel, Python) in healthcare, B2B software, and manufacturing industries
- Performed secondary research to enhance market insights, due diligence processes, and strategic initiatives

### National Basketball Association

*Future Analytics Star Intern*

**Remote**

January 2024 – May 2024

- Engineered a Machine Learning Model to optimize ticket prices for the Golden State Warriors and selected as a Top 5 finalist to present findings and data visualizations to 10+ senior league management and team stakeholders
- Selected as one of 43 of 5400+ applicants for data analytics internship. Attended the 2024 MIT Sloan Sports Analytics Conference to learn new analytics techniques such as player tracking and sales optimization

### Northeastern D'Amore-McKim School of Business

*Research Assistant – Professors Stine Grodal and Anders Krabbe*

**Boston, MA**

April 2022 – Present

- Analyzed 1500+ advertisements, congressional records, and newspaper articles, transforming qualitative data into quantitative metrics and visualizations through time-series analysis to test public policy hypotheses
- Explored text-based, “killer” generative Artificial Intelligence applications and compared current social sentiment to previous examples of anthropomorphism to validate hypotheses

### Arrowstreet Capital, Limited Partnership

*Regulatory Compliance Co-op*

**Boston, MA**

December 2022 – June 2023

- Prepared and submitted 12+ daily reports to 10+ foreign governments, consolidating data across multiple sources to ensure regulatory compliance
- Identified and assisted in process automation (Excel, SQL) to compare firm holdings with regulatory requirements

### DATA Initiative Research Lab

*Consultant to InnSure*

**Boston, MA**

September 2022 – December 2022

- Managed four-person team to create Machine Learning Models to classify, predict, and visualize risk of cyber insurance breach based on C-suite characteristics with 72% accuracy; presented findings to C-Suite

## ADDITIONAL EXPERIENCES AND INTERESTS

- **Activities:** Northeastern Student Government Association (Senator), Alpha Epsilon Pi Fraternity (Treasurer), Husky Ambassador (Student Tour Guide), Global Research and Consulting (Insights Writer), soccer referee
- **Interests:** Fantasy football, film photography, travel, camping, finding the perfect fried chicken!