

Matthew Dolin

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Portfolio: alberto4000.github.io/

EDUCATION

Master of Science in Data Science

Drexel University, Philadelphia, Pennsylvania

Expected Graduation: Jun 2027

Bachelor of Science in Computer Science

Lehigh University, Bethlehem, Pennsylvania

Minors: Data Science and Cognitive Science

Relevant Courses: Artificial Intelligence, Data Mining, Machine Learning, Statistical Computing with Applications, Algorithm Analysis & Design, Web Systems Programming, Linear Methods, Probability & Statistics

Graduation: May 2024

GPA: 3.45

TECHNICAL SKILLS

Technical Skills: **Python** (NumPy, Pandas, Scikit-learn, Matplotlib, Plotly), **SQL**, **R**, Power BI, JavaScript, Java, C/C++, Machine Learning Algorithms, Git, MATLAB

Competencies: Technical Documentation, Data Collection and Analysis, Data Visualization, Web Development, Software Engineering, Agile Software Development

WORK EXPERIENCE

In-Store Shopper

Giant Food Stores, Conshohocken, PA

April 2025 – Oct 2025

- Fulfilled customer orders efficiently.
- Communicated effectively with customers to resolve issues.

Head Teaching Assistant

Lehigh University, Bethlehem, PA

Aug 2023 – Dec 2023

- Led undergraduate teaching sessions, developed assessment criteria, and mentored students in advanced coursework while maintaining detailed performance metrics.
- Managed academic integrity protocols, documented student progress, and maintained accurate records while ensuring compliance with university standards.

Teaching Assistant

Lehigh University, Bethlehem, PA

Aug 2021 – May 2023

- Developed and implemented comprehensive teaching strategies for Python programming course, managing assessment workflows for 250 students and 20 weekly assignments.
- Streamlined grading processes through systematic record-keeping and digital reporting tools, ensuring timely feedback delivery to large student cohorts.

Cashier

Giant Food Stores, Plymouth Meeting, PA

April 2018 – Aug 2021

June 2023 – Aug 2023

- Trained and mentored new team members on POS systems, store policies, and customer service best practices to enhance operational efficiency.
- Resolved customer inquiries and complaints effectively, maintaining positive store reputation while adhering to company policies and procedures.

PROJECT EXPERIENCE

Equitable Energy Capstone Project

Jan 2022 – Dec 2023

- Analyzed data on Energy Justice communities to reveal exploitative practices by utility companies targeting low-information consumers.
- Engineered Python web scrapers to compile a comprehensive SQL database tracking Pennsylvania electricity rates over time.

NFL MVP Predictor

- Collected and analyzed historical and real-time player performance data using the R nflverse library to enhance predictive accuracy.
- Developed a logistic regression model in R, achieving a 72% accuracy rate in predicting NFL MVP award probabilities for quarterbacks.