

# Matthew Dolin

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Portfolio: [alberto4000.github.io/](https://alberto4000.github.io/)

## EDUCATION

<b>Master of Science in Data Science</b> Drexel University, Philadelphia, Pennsylvania	Expected Graduation:	Jun 2027
<b>Bachelor of Science in Computer Science</b> 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

## 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

<b>In-Store Shopper</b> Giant Food Stores, Conshohocken, PA	April 2025 – Oct 2025
• Fulfilled customer orders efficiently. • Communicated effectively with customers to resolve issues.	
<b>Head Teaching Assistant</b> 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.	
<b>Teaching Assistant</b> 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.	
<b>Cashier</b> 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

<b>Equitable Energy Capstone Project</b>	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.	
<b>NFL MVP Predictor</b>	
• 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.	