

# Matthew Dolin

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Portfolio: [albeto4000.github.io/](https://albeto4000.github.io/)

## EDUCATION

Lehigh University, Bethlehem, Pennsylvania

Graduation: May 2024

Bachelor of Science in Computer Science

GPA: 3.45

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

## TECHNICAL SKILLS

Expert: **Python** (NumPy, Pandas, Scikit-learn, Matplotlib, Seaborn), **R**, **SQL**, JavaScript/jQuery, Analytical Thinking, Data Analysis

Proficient: Power BI, Excel, Machine Learning, Git, Web Scraping, Agile Software Development, Hypothesis Testing

Familiar: Java, MATLAB, C, C++

## WORK EXPERIENCE

### In-Store Shopper

April 2025 – Present

Giant Food Stores, Conshohocken, PA

- Fulfilled customer orders efficiently, maintaining an average pick rate of 125 items per minute.
- Communicated effectively with customers to resolve issues.

### Head Teaching Assistant

Aug 2023 – Dec 2023

Lehigh University, Bethlehem, PA

- 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

Aug 2021 – May 2023

Lehigh University, Bethlehem, PA

- 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

April 2018 – Aug 2021

Giant Food Stores, Plymouth Meeting, PA

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.

## PROFESSIONAL CERTIFICATIONS

**Career Essentials in Data Analysis by Microsoft and LinkedIn** (2025)

*Online Course - LinkedIn Learning*