

Matthew Dolin

Plymouth Meeting, PA • 484-535-2089 • mdolin608@gmail.com • [linkedin.com/in/matthew-dolin/](https://www.linkedin.com/in/matthew-dolin/)

Portfolio: 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, maintaining the highest customer satisfaction rate in the district.

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.

CAMPUS INVOLVEMENT

A Whole Step Up (A Capella),

University Choir

Sep 2022 – Dec 2023

Upsilon Pi Epsilon Honors Society

Apr 2022 – May 2024

A Whole Step Up (A Capella)

Sep 2020 – May 2024

Marching Band

Sep 2020 – Dec 2023

- Received the Gold-Hansen Trophy for Outstanding Merit in May 2024