Matthew Dolin

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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.

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