

MATTHEW DURAN

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📁 <https://mduran-portfolio.netlify.app/>

Education

Rutgers University — New Brunswick

May 2026

Bachelor of Arts in Computer Science

New Brunswick, NJ

- Relevant Coursework: Data Structures, Computer Architecture, Design and Analysis of Algorithms, Data Management

Work Experience

The Risotto House of Hasbrouck Heights

June 2023 – Present

Operations Manager

Hasbrouck Heights, NJ

- Directed daily restaurant operations and managed staff to maintain high customer service standards.
- Designed and launched the restaurant website to improve ordering efficiency and online presence.
- Created backend tools, including a tip calculator, improving workflow speed and accuracy.
- Oversaw scheduling, training, and operational optimization to increase productivity.
- Delivered excellent customer service as a waiter, contributing to strong retention and positive reviews.

Projects

The 12th Man | Website | Source Code

Spring Boot | ReactJS | PostgreSQL | Python

- Engineered a fantasy football analytics platform delivering real-time insights for Premier League matches.
- Developed automated Python pipelines for large-scale web scraping and data cleaning of match statistics.
- Applied machine learning to forecast player performance, improving predictive accuracy over baselines.
- Deployed a scalable full-stack application with an interactive React UI and persistent PostgreSQL backend.

Lockbox: Presidential Debate Momentum Tracker | Source Code

Python | NLP | Data Visualization

- Implemented natural language processing to analyze U.S. presidential debates (2000–2024) at the line level.
- Generated real-time sentiment scoring and momentum graphs to evaluate candidate resonance and performance.
- Designed interactive visualizations in Python to communicate debate dynamics and predictive insights.

Risotto House Tip Calculator | Website | Source Code

HTML5 | CSS | JavaScript

- Built and deployed a responsive web-based tip calculator to streamline restaurant payment processing.

Leadership

Future Business Leaders of America — NJ State Leadership Conference

May 2022

Participant (Podium Finish)

Atlantic City, NJ

- Placed 3rd in a state-wide competition by developing a product strategy, marketing solution, and business plan for young entrepreneurs.
- Collaborated individually and within a team to deliver an innovative proposal under strict rules and tight deadlines.

Technical Skills

Coding Languages: Python, Java, C, JavaScript, SQL, HTML5, CSS

Frameworks & Libraries: Spring Boot, ReactJS, NextJS, Pandas, scikit-learn

Developer Tools: AWS, Docker, Git, Azure, Jira, PostgreSQL, Supabase, PowerBI

Languages: English (Native), Spanish (Proficient)