PABLO MORENO

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EDUCATION

Rutgers University – *Newark, New Jersey*   **Expected graduation:** *May 2026*
Bachelor of Science in Computer Science, Minor in Data Science
GPA: 3.9/4.0 - **Dean's Scholar**
Relevant coursework: Data Structures and Algorithms, Everyday data II (AWS), Intro to Mobile App Development, Intensive Programming in Linux (Spring 2025), Intro Machine Learning & AI (Spring 2025), Machine Learning & Testing (Spring 2025)

TECHNICAL SKILLS SUMMARY

Programming Language: Python, Java, HTML, Kotlin, CSS, JavaScript, XML | **Data Analysis:** Pandas, NumPy, Matplotlib, Jupyter

PROJECTS/ EMPLOYER

Mortgage Analysis Project | Group Project | *Python, Pandas, Numpy, Matplotlib*   *April 2024 – May 2024*

- Conducted in-depth analysis on 29,000+ mortgage records using Pandas, NumPy, and Matplotlib, revealing a correlation where 82% of respondents with credit scores above 680 demonstrated higher engagement, aiding in targeted marketing strategies.
- Performed hypothesis testing to confirm the relationship between credit scores and response rates, providing actionable insights to refine customer engagement strategies.
- Presented data-driven findings to an audience of 30 peers, enhancing understanding by translating technical insights into non-technical language through data visualizations.

Online Store Project | Personal Project | *Java, React*   *September 2024 – Present*

- Engineered a console-based online store in Java, leveraging OOP principles (inheritance, polymorphism) to manage product inventory and user shopping carts, resulting in a scalable and modular codebase.
- Implemented key functionalities (e.g., add-to-cart, product search, checkout) that streamlined user interactions, improving functionality by allowing efficient inventory handling.
- Outlined plans for a GUI enhancement to transition from console to a visual interface, aimed at enhancing user engagement and accessibility for non-technical users.

NASA API Astronomy Mobile App | Personal Project | *API, Kotlin*   *October 2024-Present*

- Developed an Android app in Kotlin to display NASA's Astronomy Picture of the Day (APOD) with titles, images, and descriptions, using Retrofit for API integration.
- Enhanced user experience with clean UI design, efficient image loading via Glide, and robust error handling.

LEADERSHIP ACTIVITIES & VOLUNTEER EXPERIENCE

The Braven Accelerator – *Newark, New Jersey*   *September 2024 – December 2024*

- Develop workforce skills such as leadership, operating and managing, communicating and networking, working in teams, and problem solving by completing a 14-week leadership and professional development course.

Rutgers-Newark NCAA Men's Soccer Team - *Newark, New Jersey*   *August 2022 - Present*

- Compete at the collegiate level, dedicating 30 hours weekly to training and travel while managing a full academic schedule, demonstrating discipline, time management, and focus. Collaborate with teammates and coaches to achieve goals, building leadership and communication skills in a high-pressure, results-oriented environment.

Honors & Awards: Highest GPA on the team   **Languages**: English (Native), Spanish (Native)   **Microsoft Office Suite | Eclipse**