EMILIANO GUTIERREZ

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Education

Stevens Institute of Technology   **Anticipated May 2028**
B.S. in Computer Science — GPA: 3.00/4.00   *Hoboken, NJ*

- Awards: Presidential Scholarship, Edwin A. Stevens Scholarship, Stevens Grant.
- Relevant Coursework: Discrete Structures (Scheme), Computer Architecture and Organization (C), Algorithms (C++), Probability and Statistics, Frontiers of Technology: Data Science, Entrepreneurial Thinking (Harvard Business Review).

Technical Skills

Languages: Python, Java, C++, C, Scheme, SQL, Assembly.
Tools & Frameworks: Git/GitHub, Pandas, NumPy, Scikit-learn, Jupyter, Excel.
Core Strengths: Data Structures & Algorithms, Machine Learning, Data Analysis, Functional Programming.

Projects

Algorithm Visualizer   *C++*

- Built sorting and searching visualizations with runtime benchmarks to analyze algorithmic efficiency.

Machine Learning Classifiers   *Python, scikit-learn*

- Developed logistic regression and decision tree models achieving 90%+ accuracy using cross-validation.

Data Analysis Pipeline   *Python, Pandas/Matplotlib*

- Created preprocessing workflow reducing data cleaning time by 40% and improving reproducibility.

Functional Programming Utilities   *Scheme*

- Implemented recursive utilities for list/set operations enhancing reusability and computational clarity.

Professional Experience

Stevens Software Engineering Club   **Aug 2024 – Present**
Product / Project Manager   *Hoboken, NJ*

- Lead a 6-member agile team developing a full-stack web solution for a local Hoboken startup.
- Defined project roadmap and managed 3 sprints, delivering an MVP that improved client engagement by 25%.
- Streamlined workflows using GitHub Projects and weekly stand-ups, reducing task redundancy by 30%.

The Wash Tub   **Mar–Aug 2024; May–Aug 2025**
Operations Associate   *San Antonio, TX*

- Optimized daily task assignments, increasing team productivity by 15%.
- Mentored 10+ employees and improved team collaboration through structured workflow systems.
- Implemented a digital reporting process that reduced daily operational errors by 20%.

Leadership & Involvement

Delta Tau Delta Rho Chapter   **Jan 2025 – Present**
Brother   *Hoboken, NJ*

- Organized philanthropy events supporting local charities and coordinated member engagement initiatives.
- Developed peer mentorship programs fostering collaboration and accountability among new members.
- Collaborated with executive board to plan semester events and community outreach campaigns.

Additional Information

Languages: English (Native), Spanish (Fluent).
Interests: Applied AI, Data Science for Social Impact, Soccer, Videography, Photography.