Emiliano Gutierrez

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Education

Stevens Institute of Technology — **Anticipated Graduation: May 2028**
Bachelor of Science 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 Notebooks, MS Excel.
Strengths: Data Structures & Algorithms, Machine Learning, Data Analysis, Functional Programming.

Projects

Algorithm Visualizer — *C++*
- Implemented sorting and searching algorithms with runtime benchmarks to illustrate tradeoffs and improve understanding.

Machine Learning Classifiers — *Python, scikit-learn*
- Built logistic regression and decision tree models with 90%+ accuracy, using cross-validation and metrics for reliability.

Data Analysis Pipeline — *Python, Pandas/Matplotlib*
- Designed a workflow that reduced preprocessing time by 40% and produced reproducible insights for entrepreneurial projects.

Functional Programming Utilities — *Scheme*
- Created recursive utilities for set operations and lists that improved code efficiency, reusability, and clarity in academic work.

Professional Experience

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

- Streamlined workflows across daily operations and redesigned task assignments, which increased team productivity by 15%.
- Mentored 10+ employees and improved team communication, developing leadership skills for engineering teamwork.
- Implemented efficient reporting systems that reduced errors, increased accuracy, and improved daily accountability.

Graze Craze — **Oct 2022 – May 2023**
Shift Supervisor — *San Antonio, TX*

- Directed onboarding and training of new employees, accelerating ramp-up by 25% while standardizing procedures.
- Executed social media campaigns that increased engagement by 18% through targeted, data-driven content decisions.
- Oversaw inventory system improvements that reduced discrepancies by 10%, improving cost control and supply accuracy.

Leadership & Involvement

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

- Organized philanthropy events raising funds for local charities and strengthened project management skills.
- Mentored new members through structured guidance and collaboration, fostering accountability and teamwork.

Involvements: Latin American Association, Stevens Christian Fellowship

Additional Information

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