

# SANTIAGO RODRIGUEZ

New York, NY | [santiagorodriguez@mail.adelphi.edu](mailto:santiagorodriguez@mail.adelphi.edu) | (321) 310-6055 | [LinkedIn](#) | [iamsantiago.com](http://iamsantiago.com)

## SUMMARY

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AI student and problem solver pursuing a Bachelor of Science in Artificial Intelligence with a Mathematics minor at Adelphi University — maintaining a 4.0 GPA while turning ideas into real outcomes. I founded Adelphi's AI Society, build applications that solve real problems, and operate at the intersection of artificial intelligence, strategic thinking, and clear communication. I thrive under pressure, embrace complexity, and am seeking opportunities where I can contribute from day one.

## EDUCATION

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### Adelphi University

Garden City, NY

*Bachelor of Science, Artificial Intelligence | Minor: Mathematics | GPA: 4.0* Expected December 2027

- Notable Coursework: Multivariable Mathematics, Machine Learning, Ordinary Differential Equations
- Levermore Global Scholars Program — interdisciplinary collaboration on complex global challenges

### Valencia College

Orlando, FL

*Associate of Arts, Computer Science | GPA: 4.0*

2025

- Phi Theta Kappa Honor Society
- President's List — all semesters
- Top student in Calculus II (Grade: A+)

## EXPERIENCE

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### Adelphi AI Society

Garden City, NY

*Founder & President*

September 2025 – Present

- Founded Adelphi University's first AI-focused student organization alongside a founding executive board, building it from concept to an active community with real programming and campus presence
- Designed and delivered hands-on workshops including a Prompt Engineering Masterclass and an AlphaFold Workshop
- Established cross-club partnerships with the Biology, Accounting, Neuroscience, Future Teachers, and Pre-Med societies — expanding the club's reach across disciplines
- Developed the club's Instagram successful content strategy and produced interview-style video content

### Adelphi University

Garden City, NY

*Mathematics Tutor*

January 2026 – Present

- Provide academic support in Discrete Structures, Calculus I/II, and Game Theory to students across majors
- Specialize in breaking down abstract concepts and making them accessible — consistently translating complexity into clarity

## PROJECTS

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### Traindem

All-in-one client management platform for fitness coaches — consolidating scheduling, performance tracking, and 30+ exercise templates into a single tool. Built to eliminate the fragmentation coaches face across multiple applications.

### Unburden

Privacy-first student loan planner that lets users model different repayment strategies and visualize their financial future through clean, interactive data visualization.

### ChefLedger

Offline-capable food cost calculator that gives restaurant owners and food vendors instant clarity on the true cost of every menu item — built for real financial decisions, not spreadsheet guesswork.

**Ratio**

Precision unit converter built for engineers and scientists — 50-decimal-digit accuracy across 260+ units in 40+ categories. Because when precision matters, rounding errors are not an option.

**Flashcards 101**

Local-first study application that converts any two-column CSV into a study session instantly — no accounts, no cloud, no clutter.

**SKILLS & CERTIFICATIONS**

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**Certifications:** 30+ from institutions including Anthropic, IBM, Yale, Duke, and UPenn — spanning AI, prompt engineering, Python, data science, and finance

**Technical:** Prompt Engineering · LLM Applications · Python · AI-Assisted Development · Data Visualization · Web Application Development

**Soft Skills:** Strategic Communication · Cross-functional Collaboration · Public Speaking · Community Building · Problem Solving

**Languages:** English (Native) · Spanish (Native)

**HONORS & AWARDS**

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- AP Scholar with Distinction — Calculus AB (5), Physics 2 (5), Physics 1 (4), Spanish Language & Culture (5), Spanish Literature (5)
- 1st Place — Florida State Spanish Conference (led 25-person competitive team)
- Seal of Biliteracy
- Spanish National Honor Society