

PROFILE

I solve problems with data, design, and a bit of obsession. With a B.S. in Industrial Engineering and an M.S. in Data Science, I aim to bridge the gap between analytical rigor and real-world execution across construction, hospitality, transportation, and research. Certified Scrum Master, Six Sigma Green Belt, and someone who genuinely enjoys untangling messy data.

Whether automating workflows or managing a construction project from the ground up, I bring the same energy: curious, precise, and always looking for the smarter way. I believe the best solutions live where data meets people.

SKILLS

SOFTWARE

Proficient in Excel, VBA & Macros. HTML5, JavaScript, CSS, ArcGIS Pro, Microsoft Office Suite, Adobe Suite, QuickBooks, Procore, Visio, AutoCAD and SolidWorks.

Knowledge of Python, SQL, R, Access, C++, Arena Simulation, Matlab, Minitab, and Tableau.

LANGUAGES

Fluent in English and Spanish. Advanced in Portuguese.

EDUCATION

UNIVERSITY OF MIAMI [2025]
M.S. Data Science
4.000 Cumulative GPA

UNIVERSITY OF MIAMI [2020]
B.S. Industrial Engineering & Green Sustainability Certificate
3.978 Cumulative GPA
Summa Cum Laude

INSTITUTO DE EDUCACIÓN ACTIVA [2016]
Valedictorian High School Diploma

HONORS & AFFILIATIONS

PROFESSIONAL SCRUM MASTER I (PSM I) [2026]

IBM DATA SCIENCE PRACTICIONER CERTIFICATE [2024]

SIX SIGMA GREEN BELT CERTIFICATION – #2911-26461

TAU BETA PI
Nation's oldest Engineering Honor Society.

SOCIETY OF WOMEN ENGINEERS

MAYOR'S OFFICE ACKNOWLEDGEMENT FOR ACADEMIC EXCELLENCE [2016]

DANIELA GONZALEZ

B.S. Industrial Engineering '20 | M.S. Data Science '25

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EXPERIENCE

DATA SCIENTIST – GRADUATE STUDENT ASSISTANT

[OCTOBER 2024 – CURRENT]

- Design and develop a public-facing [webpage](#) to visualize climate and tree growth data from the "Electronic Sensors Project" by the University of Miami.
- Create dynamic and interactive visualizations to enable real-time exploration of environmental data, using HTML, CSS, JavaScript, and R.
- Integrate automated data pipelines for seamless updates and user-friendly dataset downloads.
- Leverage GIS technologies to enhance spatial data visualization and geographical context.

PROJECT MANAGER – TAURIZANO CORP.

[JUNE 2020 – CURRENT]

- Oversee accounting activities for five different projects within the Construction Department, including a commercial plaza, luxury townhouses, and apartment buildings.
- Design dynamic spreadsheets while integrating Excel VBA and Macros to automate tasks and enhance the spreadsheets' organization and efficiency.
- Manage all project phases from pre-development to completion using Procore, QuickBooks, and Excel, while monitoring budgets, preventing overruns, and preparing weekly reports for management and investors.
- Work closely with architects, engineers, and construction vendors to establish timelines, develop plans, and calculate labor and material costs.

CAPSTONE PROJECT - NORWEGIAN CRUISE LINE HOLDINGS

[JANUARY 2020 – MAY 2020]

- Developed an automated "Air Promotion Process," reducing workforce needs from 26 to 9, achieving significant labor cost savings.
- Conducted work sampling, time studies, and Excel-based workload analysis to optimize scheduling.
- Delivered a solution with faster turnaround times, highly automated steps, and clear team responsibilities.
- Awarded "Best Senior Design Project in Industrial Engineering" of the Spring 2020 Class.

OPERATIONS ANALYST – FLAMINGO PARK TENNIS CENTER

[JUNE 2018 – FEBRUARY 2019]

- Optimized court reservations, event scheduling, retail, and restocking processes.
- Developed automated spreadsheets to track clinic attendance and provided data-driven recommendations to management.
- Designed process maps and conducted time studies to identify bottlenecks, leading to an optimized restocking layout that minimized time and effort for staff.

PRESIDENT – UNIVERSITY OF MIAMI TENNIS CLUB

[MARCH 2018 – MAY 2020]

- Led a team of 200+ students, delegating responsibilities to the Executive Board for smooth operations.
- Organized and structured the team's budget, practices and fundraising events while working to create an environment of inclusion, respect, composure and positivity.
- Worked with the University of Miami, the USTA and sponsors to host two intercollegiate tournaments with over 15 participating universities.
- Secured over \$15,000 annually for travel and equipment.

DATA ANALYST INTERN – INPACO VALENCIA C.A

[MAY 2017 – AUGUST 2017]

- Created a database in PostgreSQL to organize and navigate the company's extensive data in construction machinery, equipment rentals, materials, labor costs, and schedules.
- Used SQL to extract data and generate reports visualizing regional and national construction equipment demand trends.
- Analyzed subcontractors' bids and performed detailed cost estimating for civil infrastructure projects, some of which were undertaken given the analysis provided.