DARIO DANIEL CARDENAS APONTE

3rd Year Industrial Engineering Student

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ABOUT ME

Passionate about continuous improvement, data analysis, and process optimization, with a strong focus on efficiency and innovation. I aim to develop in a dynamic environment where I can apply my knowledge from a fresh perspective, combining analytical thinking, creativity, and a solid foundation in industrial engineering to create meaningful impact.

EDUCATION

Campoalto School, Paraguay | 2006-2020
High School Graduate

Universidad Politécnica Taiwán - Paraguay (UPTP) | 2023-2024
Industrial Engineering

National Taiwan University of Science and Technology (Exchange Student) | 2025-2026
Industrial Engineering

WORK EXPERIENCE

Stewart Entrance Course | 2023 - Present
Precalculus and Multi Subject Tutor – Preparatory Course & Private Students
Precalculus instructor at the Stewart Preparatory Course, an induction program for the entrance exam to UPTP. Currently continuing to teach virtually. Privately, I also teach mathematics, English, and Spanish to Taiwanese youth and to students in Paraguay.

ACHIEVEMENTS AND ACTIVITIES

School Science Fair | 2015
Winner
Designed and built a battery-powered mini solenoid motor using recycled materials, winning first place in multiple school science fairs for its innovation and sustainability.

Casa Albino Luis and San Rafael Church | 2016-2017
Leadership and Volunteer Experience
Assisting in community service activities, organizing donation drives, and supporting social outreach programs for families in need.

Techo Paraguay | 2019-2024

Volunteer

Volunteer at TECHO Paraguay, participating in community development projects, assisting in the construction of emergency housing, and supporting social initiatives to improve living conditions in vulnerable communities.

South American Games ODESUR | 2022

Volunteer

Assisting in event coordination, athlete support, and logistics management to ensure the successful development of the competitions.

Technical Drawing Course | 2023

Sustainable Design Project

Third place in a university competition for designing an eco-friendly mosquito net using renewable materials, developed in collaboration with Electromechanical Engineering students.

Universidad Politécnica Taiwán - Paraguay (UPTP) | 2023 - 2024

Active Member of the UPTP Student Council

Coordinating academic and social activities, organizing institutional events, and serving as a student spokesperson to promote communication between students and the university administration.

Entrepreneurship Project | 2024

Cow Market Web Platform

Co-created Cow Market with three teammates, a web-based cattle auction platform that generated revenue through transaction commissions. Contributed to the platform's design, auction logic, and payment processing flow, providing an innovative digital solution for livestock trade.

Objects Oriented Programming and Data Structure | 2024

Software Development Projects

In Object-Oriented Programming (OOP), developed a dynamic library management system for students and staff, using C and C++. In Data Structures, built the Find Your Route Partner app to connect students with private transportation, reducing travel time and costs, using Python.

Wichita State University | 2025

Optimization for Engineers Online Course

Accepted into an online Optimization course offered by Wichita State University, focused on improving decision-making and process efficiency through analytical and mathematical techniques.

Nagoya, Japan | 2026

Accepted Paper – International Congress on Engineering and Information (ICEAI)
Research paper accepted for presentation at the ICEAI 2026 conference, focusing on Simulation-Based Optimization of Ergonomics and Human-Robot Collaboration in a Paraguayan Powdered Milk Production Line Using Digital Twins.

SKILLS

- Soft Skills: Proactivity, Patience and Resilience, Result-Oriented Mindset, Teamwork, Leadership, Effective Communication, Problem Solving, Time Management, Adaptability
- Technical Skills:
  - Simulation & Modeling Software: Flexsim
  - Programming & Data Analysis: Python, C, C++, Java, HTML, CSS, SQL, MATLAB
  - Financial & Analytical Tools: Advanced Google Sheets, Excel, Power BI, Tableau
  - Project & Process Management: Lean Six Sigma basics, Process Mapping, KPI Tracking, Workflow Optimization

LANGUAGES

- Spanish (native language from Paraguay)
- Guarani (native language from Paraguay)
- English
- Chinese (basic)