

Diego Caliz

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EDUCATION

B.S. Industrial & Systems Engineering | San Jose State University | In Progress | 2024 – 2028

Relevant Coursework: Physics (Mechanics, Electricity, & Magnetism), Eng Statistics & Probability, Multivariable Calculus, Industrial Graphic Design, Eng Economics Systems, System Simulations, Programming Concepts & Methodology

HSD ITESM Campus Santa Fe | CDMX | Mexico 2021 – 2024

Relevant Courses: Physics, Calculus, Statistics, Business, Economics

EXPERIENCE

Industrial Engineering ROI Intern | UPS | Fremont, CA May 2026 – Aug 2026

- Conducted **gemba walks and data collection** to design a **demand-based scheduling model**, reducing non-value-added labor and generating **\$24K+ in realized savings** with \$140K+ in projected annual savings.
- Performed **cost analysis and standardized workflows** to reduce process variation across fuel, wash, and maintenance processes, developing **SOPs, reporting tools, and training materials** to improve consistency.
- Performed **root-cause analysis** on recurring data-entry errors and partnered with center management on **corrective actions**, improving **data integrity** and reducing manual rework.

Teaching Assistant | ENG10; Intro to Engineering | San Jose, CA Aug 2025 – Present

- Delivered **hands-on technical training and coaching to 100+ students**, strengthening problem-solving and cross-functional communication skills.
- Coordinated with faculty to supervise lab sessions and enforce **equipment safety protocols**, ensuring standardized, safe use of engineering equipment across sessions.

Research Intern | Engineering Success Program @ SJSU CoE | San Jose, CA Nov 2024 – Apr 2025

- Conducted a **trade study using multi-criteria decision-making methods (AHP, VIKOR)** to evaluate six humanoid robots for search-and-rescue applications.
- Built a **sensitivity analysis model across 1,000+ weight combinations** to test how shifting priorities affected rankings, strengthening data-driven decision-making skills.

LEADERSHIP

President | IISE Chapter 806 @ SJSU Aug 2026 – Present

- Lead a 13-member executive board serving approximately 50-chapter members, overseeing chapter operations, event planning, professional development, and industry engagement.
- Direct chapter strategy and coordinate partnerships with industry professionals from companies including Tesla, NVIDIA, Lockheed Martin, Applied Materials, UPS, Intel, Cisco, and MKS

VP of Public Relations | IISE Chapter 806 @ SJSU Aug 2025 – May 2026

- Supported the planning and promotion of 13-chapter events, including a three-day IISE Regional Conference featuring speakers, competitions, workshops, and networking for 100+ attendees.
- Managed chapter marketing and social media outreach, generating 80K+ views, 30K+ accounts reached, and growing the chapter's audience to 500+ followers.

TECHNICAL SKILLS & HONORS

Technical: Continuous Improvement, Excel (pivot tables), SolidWorks, Lean Principals, standardization, data analysis, process improvement, multicriteria decision analysis, public communication, problem-solving, prompt engineering

Languages: English & Spanish — Bilingual

Honors/Awards: President's Scholar | SJSU Digital Literacy Showcase Award | SafeMUN Position Paper Award |