

Juan Camilo Castellanos Guzman

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PROFESSIONAL SUMMARY

Recent **Electrical Engineering** graduate with strong analytical skills, goal-oriented mindset, and effective communication and interpersonal skills. Interested in pursuing career opportunities in technical and commercial domains, contributing dedication, fast learning capacity, and high attention to detail.

EDUCATION

B.S. in Electrical Engineering **2025**
Universidad Industrial de Santander (UIS)
Graduation Project: *Adaptive Control of a Floating Offshore Wind Turbine*

High School Diploma **2017**
Instituto Santa Teresita, Floridablanca

CAPSTONE PROJECT

Adaptive Control of a Floating Offshore Wind Turbine *2024–2025*
Tools: MATLAB, Simulink

Developed and simulated a real-time adaptive controller for floating offshore wind turbines, achieving significant improvements in energy efficiency and robustness compared to a conventional controller.

TECHNICAL SKILLS

- **Control Systems:** Adaptive control, industrial automation, PLC (basic knowledge)
- **Engineering Software:** MATLAB, Simulink, AutoCAD 2D, Python, Microsoft Excel (advanced)
- **Languages:** Spanish (Native), English (Basic)