

JUAN PABLO BAUTISTA

Electrical Engineer

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EDUCATION

Bachelor of Science in Electrical Engineering December 2022
CALIFORNIA STATE UNIVERSITY, NORTHRIDGE Northridge, CA

Associate in Science Degree: Engineering June 2019
COLLEGE OF THE CANYONS Santa Clarita, CA

RELEVANT COURSES

Electronics I and II	Electric Power Systems
Fundamentals of Controls Systems	Distributed Energy Generation
Electrical Machines and Energy Conversion and Lab	Power Electronics

PROJECTS

Emergency Vehicle Alert System (EVA) Spring 2022

- Designed and built a device that will alert a passenger car when an operating emergency vehicle is approaching.
- Performed multiple tests under different scenarios.
- Collected, analyzed, and evaluated data to know the behavior of the signal between the transmitter and the receiver.

EXPERIENCE

SIDERURGICA DE GUADALAJARA Jalisco, Mexico

Electrical Technician June 2004-June 2005

- Performed maintenance of electrical machines and cranes for optimal operation.
- Replaced and repaired motors and electrical lines.
- Collaborated with other departments to solve major operational issues.

SKILLS

Software: MATLAB/Simulink, OrCAD/PSpice, Realterm.

Machine: Transformers, Induction Motors, Synchronous Motors and Generators

Equipment: Power Supplies, Oscilloscopes, Generators, Multimeters.

Foreign Language: Spanish