**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 |
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| 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