

# Axier Ceberio Guereño

Bridgeport, CT, 06606

[axierzebe@gmail.com](mailto:axierzebe@gmail.com) - (203) 418-1294

Portfolio - <https://axierzeberio.vercel.app>

LinkedIn - [www.linkedin.com/in/axier-zeberio-017b6a340](https://www.linkedin.com/in/axier-zeberio-017b6a340)

## Education

---

### Mondragón University

Hernani, Spain

- Bachelor's Degree in Energy Engineering

Sep 2021 - Jul 2025

### Sacred Heart University

Fairfield, CT

- Master's in Business Analytics with Applied Artificial Intelligence.

Dec 2026

- D1 Student Athlete.

- Maximum Academic and Athletics Scholarship offered by Sacred Heart University.

## Relevant Experience

---

### Elecnor Servicios y Proyectos, S.A.U. | Energy Engineer – Resource Management in the Field of Electrical Distribution

Aduna, Spain | Sep 2024 – Jul 2025

- Worked at Elecnor Servicios y Proyectos, S.A.U., receiving professional training in electrical distribution and supporting data-informed management of worksites, personnel, and projects.

- Contributed to fault management and new supply projects, analyzing operational information across all stages: planning, field coordination, safety supervision, and technical-administrative closure.

- Developed a custom LabVIEW application to improve operational management, automate work registration, and reinforce safety controls within the company.

## Technical Projects

---

### Design and Assembly of a Low Power Single Phase Wind Generator

- Designed and assembled a small-scale wind turbine (72.4 W) with Boost converter, MPPT control, and inverter synchronization using myRIO and PLL. (Apr 2024 – Jun 2024)

### Implementation of an Electric Scooter

- Converted a conventional scooter into an electric model powered by solar energy, integrating DC motor control, Li-Ion battery, and PV charging station. (Nov 2023 – Feb 2024)

### Solar Thermal Collector for Domestic Hot Water

- Built a solar water-heating system with Arduino-based control, sensors, and electronic components to regulate flow and optimize efficiency. (Apr 2023 – Jun 2023)

### Hydraulic Power Plant for an Off-Grid House

- Developed an off-grid hydro system for a house, including energy sizing, pump control, and real-time monitoring with PLC. (Nov 2022 – Jan 2023)

## Skills and Achievements

---

### Technical Skills:

Python, MATLAB, Simulink, Texas Instruments, Arduino, LabVIEW, SolidWorks, Inkscape, Tableau, SQL, Data Visualization, Predictive Modeling, Machine Learning, NLP, MLOps, A/B Testing

### Interpersonal Skills:

Communication Skills, Leadership, Attentive, Hard-working, Cheerful, Teamwork, Adaptability

### Languages:

English (Professional), Spanish (Native), Basque (Native)