

Eduardo Mata Ewy

Controls Engineer

Personal Info

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Linkedin
[Eduardo Mata Ewy](#)

Github
[github.com/EddieMataEwy](#)

Online Portfolio
[eddiemataewy.github.io](#)

Skills

SCADA Management

App and Web Development

Server scripting and automation

PLC Programming


Laser Manipulation


Instrumentation wiring and installation


IT Knowledge


Communication Skills

Languages

English 
Native

Spanish 
Native

Portuguese 
Medium

German 
Basic

Experience

2021-12-
now

Automation Engineer
Cutrale Citrus Juices Inc USA, Auburndale, Florida

- Controls engineer in charge of maintaining, improving and developing the 25+ PLCs in the plant. This includes Allen Bradley/Rockwell PLC5, SLC500, MicroLogix, ControlLogix and CompactLogix.
- Server and virtual machine management, including backups and scripting.
- Work on active improvement of the SCADA system, based on GE iFIX. Programming in VBA.
- Provide support to electricians on instrumentation wiring, operation and installation.

Education

2017-09 -
2021-09

Mechanical Engineering, Universidad de Vigo

- **Concentration:** Machinery
- Received **12 distinctions**

Relevant Coursework:

- Vibration of Mechanical Systems
- **Automation and Control**
- Laser Technology
- Materials and technologies in mechanical manufacturing

Software

Excellent: RSLogix, Allen Bradley Software, GE iFix/Historian, Python, Rust

Very Good: Microsoft Office, SolidWorks, SQL, Golang

Good: C, C++, JavaScript, Html5/CSS, Powershell

Basic: Visual Basic

Projects

2024-5-
2024-9

Redesign of pulp aseptic filler instrumentation
Update all instruments, PLC instructions and communication paths.

2023-4-
2023-5

Design of fruit sampling system
PLC program and SCADA development.

2022-2-
2022-3

Design of a model to predict plant gas consumption
Use of existing machine learning algorithms to train on historical data

Achievements

2017

Bronze Medal at the National Physics Olympiad

2013

Competed in the National Math Olympiad in 8th Grade

Interests

Software Development