

Eduardo Mata Ewy

Mechanical Engineering

Personal Info

Address

Davenport, FL, 33896

Phone

+1 (239) 544-8578

E-mail

eddiemataewy@gmail.com

Linkedin

[Eduardo Mata Ewy](#)

Github

github.com/EddieMataEwy

Online Portfolio

eddiemataewy.github.io

Skills

Mechanical Design and Simulation

Python App and Web Development

Computer Vision

PLC Programming

Laser Manipulation

Server and SCADA management

IT Knowledge

Communication Skills

Languages

English

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Native

Spanish

■■■■■
Native

German

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Basic

Experience

2021-12-
now

Automation Engineer

Cutrale Citrus Juices Inc USA, Auburndale, Florida

- Maintenance of existing automation codebase. Development of programs for new projects.
- Server and virtual machine management.
- Work on active improvement of the SCADA system, based on iFIX.

Education

2017-09 -
2021-09

Mechanical Engineering, Universidad de Vigo

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

Relevant Coursework:

- Vibration of Mechanical Systems
- Engines and Thermal Machines
- Laser Technology
- Materials and technologies in mechanical manufacturing
- Hydraulic Machine Design

Software

Excellent: RSLogix, Allen Bradley Software, iFix/Historian, Python, Microsoft Office

Very Good: SolidWorks, SQL, Golang

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

Basic: Visual Basic

Projects

2022-2-
2022-3

Design of a model to predict plant gas consumption

Use of existing machine learning algorithms to train on historical data

2020-10-
2020-12

Data extraction and analysis through python web scraper

Extraction of Caterpillar Inc. engine information for analysis in Excel

2021-01-
2021-05

Design of a pneumatic circuit for an autoclave's automatic door

Achievements

2017

Bronze Medal at the National Physics Olympiad

2013

Competed in the National Math Olympiad in 8th Grade

Interests

Weightlifting
Reading about physics and programming