

# MARIO ORTEGA

Digital Systems and Robotics Engineer

## Profile

Motivated, teamwork oriented and responsible engineering student seeking professional and personal development. Passionate about learning new technologies. Expertise in the area of hardware and software development.

## Professional Skills

### Design:

- Adobe Illustrator
- SolidWorks
- Eagle PCB Design

### Code:

- Python
- C++
- Java
- HTML
- CSS

### Technologies:

- Git & GitHub
- PIC & Microcontrollers

## Personal Projects

- Game Development using Python Pygame module:

- Handled events, graphics and sound by using Pygame.
- Learned version control through Git command line tools.
- Built an executable app using PyInstaller.
- Worked with virtual environments using venv module.

Link to repo:



## Contact Info:



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github.com/marioal9806



linkedin.com/in/mario-alberto-ortega/

## Education

2016-2021

### Instituto Tecnológico y de Estudios Superiores de Monterrey

Bachelor's Degree in Digital Systems and Robotics. Winner of the merit-based scholarship "Talento Académico". Current GPA of 3.7.

## Volunteering

2018-JUN

### Aerobot Planet - Summer Camp

Camp instructor in Programming and Electronics. Worked with a group of 20 children aged from 8 to 10 years.

2018-JAN

### PrepaNet - Online High School

Teaching Assistant. The subject assigned was Informatics. Helped students by grading homeworks and answering questions remotely.

## Certificates

2018-MAY

### CSWA Solid Works Certificate

2019-MAY

### Java Programming

Coursera Online Platform in collaboration with Duke University.

2019-MAY

### Intro to Python

Coursera Online Platform in collaboration with Universidad Pontificia Católica de Chile.

## Languages:

- Spanish (Native)

- English (Fluent)

TOEFL ITP Certificate.

- German (Basic)

Goethe A1 Zertifikat.