



PAOLO REYES

ROBOTICS AND DIGITAL SYSTEMS ENGINEERING

EXPERIENCE

General Electric Internship

Embedded Software Quality Test Intern, General Electric | 2023

- Contributed to Leap1A and GE9x aviation engine software at General Electric during 4 months.
- Gained hands-on experience in producing high-quality software.
- Collaborated with cross-functional teams, communicated effectively, and adapted to dynamic work environments.
- I Developed a strong understanding of the structure of large companies.
- Managed to produce software for motor configuration and power management control.

PROJECTS

Personal Stock Portfolio

Automation to keep track of my net worth | 2023

- I have developed an automated website to monitor the daily net worth of my investments.
- Using a Raspberry Pi 4 as a web server, the platform collects, processes, and displays real-time financial data.
- It helps to reduce the time of manually watching each investment platform and facilitate investment decisions.

Paolo Inspires

Educational Science and Technology YouTube channel | 2022

- Personal YouTube channel where I share content on science and technology, it is mainly focused on robotics, programming, and topics related to physics and mathematics.
- It has over 1960 subscribers and more than 28800 views.

Logic Design Guide

A web page to document logic circuits with examples in AHDL, VHDL and Verilog | 2023

- I developed a website to keep track of the content I saw in my Digital Logic Design classes in which I pose problems to solve, show schematic solutions to those problems, and generate an example of the circuit implementation in three hardware descriptor languages (AHDL, VHDL and Verilog).

ABOUT ME

Robotics engineering student with skills in mechanics, 3D design, programming, and digital electronics. I have experience in robot design and manufacturing, microcontroller programming, sensor integration, and control system development. I am proficient in multiple programming languages and am passionate about innovation and problem-solving.

CONTACT

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SOFTWARE

- Python.
- Java.
- C, C++.
- Processing
- Matlab.
- Github.
- SQL.

SKILLS

- Leadership
- Problem-solving skills
- 4+ years of python programming experience.
- 4+ years of C++ and low level programming experience.
- Automation.
- English C1 level proficiency

EDUCATION

ITESM

Robotics and Digital Systems Engineering | 2021-2025 100% scholarship "Leaders of Tomorrow"