

VASQUEZ LLANAS JOSE ISAAC

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Communications engineer with specialization in Computer Science, passionate about software development and its synergy with hardware.

Top Skills

- **C#**- WPF, Windows Forms, MAUI.
- **Web Design**- Experience in HTML, CSS and JavaScript Vanilla.
- **Python and C++** – Scripting, programming, and data structure experience in these languages.
- **PHP**– OOP and SQL
- **Analog and Digital Signal Analysis**- In my formation as communications and electronics engineer, I've acquired knowledge about problem solving and design with oscilloscope, multimeter and DC supply.

Internship

**Computing Research Center (CIC IPN),
laboratory in microtechnology and embedded systems**

05/2022-11/2022

I've experience working with MEMS sensors, especially with a Surface Acoustic Wave (SAW Sensor) at 60MHz with focus in medicine applications.

I've also been working with lithium-ion battery banks (charge and discharge), electronics modules and solar panels with a focus in autonomous weather applications in a webpage.

Education

**Higher School of Mechanical and Electrical Engineering
at National Polytechnic Institute (IPN)**

08/2022-Present

In college, I've developed strong mathematical logic, programming and analysis of electrical circuits for the resolution of problems, as well as resilience and perseverance towards difficulties.

**Industrial Technological Baccalaureate Center and
Services #7 Mechatronic Technician**

08/2016-06/2018

In high school I developed implementation projects in electronics and mechanics, also practices of pneumatics and programming.

Likewise, I learned to handle equipment such as the vernier, the milling machine and the lathe.

Certifications

- Crash Course on Python by Google 04/2022
- Introduction to Back-End Development by Meta 08/2022