

DAVID LÓPEZ

TECHNICAL SUPPORT | MECHATRONICS ENGINEERING | IOT DEVELOPMENT

CONTACT

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PROFILE

I'm always looking for new knowledge and experiences. I have a special interest in technological advances, and where they are leading us. Nowadays I'm looking forward to a career shift towards a Tech-Development or Tech-Support oriented job.

EDUCATION

2020 - UNITEC [SPS, HONDURAS]

Bachelor's Degree in Mechatronics Engineering

TECHNICAL SKILLS

- Bilingual (Spanish/English)
- C++, Python
- HTML, CSS
- Command Line Interface (Windows, Linux)
- Remote Desktop
- Ladder and Block diagram programming for PLC automation
- 3D CAD Design
- IoT on the Edge(Azure IoT Hub, Nvidia Deepstream)

SOFT SKILLS

- Learning and Personal Development
- Analysis and Problem Solving
- Teamwork and Communication

EXPERIENCE

2022 (February-June)

Technical Support Engineer | Innovate Biz Solutions-Remote

Assisted in the integration and troubleshooting of a chat plugin (WP Guppy), a video chat app (Video SDK), and the android mobile app for DoctorYa's web application(doctoryaconsulta.com). I also attended to any of our client's queries on the technical issues/configurations related to the use and operation of the platform.

2021 (August-October)

Industrial Automation Instructor | CIT-Honduras

Taught lessons of industrial automation at the Center of Innovation and Technology, which included the next modules:

Industrial Sensors, Variable Frequency Drives, LOGO PLC, Siemens PLC, and Industrial Networks.

2020 (January-March)

Industrial Maintenance Engineer | Polyshel-Mexico

Contributed doing corrective and preventive maintenance on the mechanical, electrical, infrastructural, and control systems of Polyshel. The main activities included:

- Preventive and corrective maintenance to all the related parts and mechanisms of the PVC extruders.
- Correction and replacement of temperature sensors, contactors, motor protectors, bearings, and pressure valves in bad condition.
- Contributions to the re-boot of an extrusion line in disrepair.
- Contributions to the automation of a manual vinyl cutting machine.

2017-2019

3D Printing and Physics Instructor | UNITEC-Honduras

Was in charge of the Physics and 3D Printing labs at the Unitec SPS campus. I managed the guidelines for the other instructors on how they had to teach their labs, how to manage the content being taught, their student's grading, and the respective materials and equipment. I also taught in some labs myself.