






Luis Escárcega Corona



ABOUT ME

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PROFILE

Hi my name is Luis, to me it's a pleasure you are reading my CV. My experience is in mechanical manufacturing and maintenance, also in the embedded systems design and implementation. I like engineering and management applied in factories.

KWNOLEDGE

Microcontrollers, ICSP, RS232, I2C, SPI, CAN, LIN, C, Python, Catia, CSWA Solidworks, Altium, Eagle Autodesk, National Instruments Labview y Multisim, Matlab, Microsoft Office, Siemens and Allen Bradley PLC

SKILLS

- Fast Learning
- Team working
- Ease of communication
- Active Listening
- Creative Thinking

LANGUAGES

Spanish: Native speaker
English: ACTFL Intermate-High

Bachelor Degrees

- 2017-2023 **MECHATRONICS ENGINEERING B.A.** Unidad Profesional Interdisciplinaria en Ingeniería y Tecnologías Avanzadas
Instituto Politécnico Nacional
- 2020-Actual **ADMINISTRATION AND BUSINESS MANAGEMENT B.A.**
Universidad Abierta y a Distancia de México
- 2013-2015 **MECHATRONICS TECHNICIAN** Centro de Capacitación para el Empleo
CECATI 11, CECATI 01

Awards

- 2023 **PAPER COLABORATOR: FAO PENMAN-MONTEITH APPLIED IN TOMATOES. (EMBEDDED C DEVELOPER)** UPIITA IPN, Universidad Chapingo
- 2019 **MEMBER OF THE HONORABLE STUDENT HIGH COUNCIL** UPIITA IPN
- 2013 **3RD PLACE IN THE MEXICO CITY METROPOLITAN CHEMISTRY OLYMPIAD** UNAM CINVESTAV

Jobs

- 2021-Now **PCB FREELANCE** Designer and tester freelancer
Autodesk and Altium designer. Professional and lowcost PCB's manufacturing. Assemblies for Audio, educational and industrial.
- 2020 **EXTRUSIONES METÁLICAS SA DE CV** Junior Mechanical Maintenance
Mechanical maintenance for the conveyors in the painted aluminium pipes area.
- 2019 **TROQUELES DE MÉXICO SA DE CV** Junior Mechanical Machining
CNC, Lathe and Milling Machining for maintenance die machines.
- 2018 **FIBRAS PLÁSTICAS DE MÉXICO SA DE CV** Junior Mechanical Maintenance
Preventive and corrective mechanical maintenance to 30 thread winding plastic extruded machines.
- 2014 **SEIRU SA DE CV** Line Inspection
Preparation for PCB's SMD and TH line. Included stencill DEK machine, automation mounting process and soldering oven.

Other information

I am a black belt kickboxer that loves learn new languages, cooking and share time with family. My team working spirit made me an UPIITA-IPN High Academic Council member, where I worked close with 3000 students; listening and working out the day life student challenges. Also, I served for an ONG two years in Costa Rica, becoming a leader where I trained around 50 multinationals collaborators. My last goal was the develop of an university frigorific project degree called "Atmospheric Water Generator for Domestic Use Powered by Clean Energy Sources".