

# JOSÉ JAVIER MARTÍNEZ CANO

Mechatronic Engineering

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## EDUCATION

Instituto Tecnológico superior de Huauchinango  
Mechatronic Engineering  
2016 – 2022

Puebla

## WORK EXPERIENCE

### Ibot4Fun

#### Teacher and design Engineer

Zapopan, Jalisco

Mar. – Oct. 2022

- Implementation of STEM methodology for teaching technology development and programming.
- Data analysis of my students' performance for the development of customized robotics kits. Software and hardware development for administrative tools.
- Technologies: C++, Python, JS, SQL.

### Interacción Eléctrica

#### Service Engineer Intern

Querétaro, Querétaro

Aug. – Dec. 2020

- VTPCYM board validation by CFE.
- Interface development for the assignment of TPCYM'S equipment under the standards; Nom-V6700-62, Nom-G0000-74 and ANSI nomenclature of Protection Relays.
- Technologies: HTML, CSS, JS, C++.

## RESEARCH EXPERIENCE

### SENA /Delfín

#### Research Intern

Manizales, Colombia

Jun.- Aug. 2020

- Development of a tool to climb stairs with wheelchairs and documentation of the project.
- Technologies: 3D Modeling, C++, FreeCad, LaTeX.

### CUCEI /Delfín

#### Research Intern

Guadalajara, Jalisco

Jun. – Aug. 2019

- Paper on Data Mining and Electricity Consumption in the Country.
- Technologies: Python, RapidMiner.

### ITQ /Delfín

#### Research Intern

Querétaro, Querétaro

Jun.- Aug. 2018

- Low-cost mechanical Braille printer.
- Technologies: 3D Printing (Modeling, Printing).