Jorge Luis Bustos Armas

Mechatronics Engineer

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Zacatecas, Mexico

EXPERIENCE

May. 2023 – Jun 2024 Ciudad Sahagun, Mexico	**Engineer Electronic** - DIII ENERGÍA Y PROYECTOS SA DE CV During this time, carry out the coordination for the programming of the electronic differential, the graphic interface for an electric vehicle, obtaining information from different sensors through CAN-bus communication, as well as the electronic and PCB design for the adaptation of the signals, programming microcontrollers to obtain information from sensors for reading of pressure of the pneumatic system and sending information by CAN-bus.
Oct. 2021 - May. 2023 San Antonio, USA	**Assistant of HVAC** - Highland Commercial Properties During this time, I was an assistant in air conditioning systems for homes and apartments, providing basic maintenance such as changing capacitors, motors and changing cards. controllers, also I change of boards of fuses to thermomagnetic switches of houses and apartments, as well as their suitability for powering the systems air conditioned.
Nov. 2017 - Jul. 2021 Zacatecas, Mexico	**Engineer of Development and innovation** - LASEC Telecomunicaciones SAPI de CV During this time, I designed the electronic circuit on which a large part of the versions of the location, help and evacuation system were based, for personnel and vehicles in the SmartFlow monitoring system, within the mining industry, which is currently in four units. mining companies of the Peñoles group, design the first version of the PCB together with the BOM of materials and the gerber files for its manufacture, also carry out the selection and update of electronic components for purchase, later develop a large part of the embedded programming in language C, in set to other coworker with git.

Education

2011 - 2017 Zacatecas, Mexico	Mechatronics Engineering (Ingeniería Mecatrónica) Instituto Politécnico Nacional

SKILLS

Altium Designer	SolidWorks	Language Ladder
Python	C/C++	OOP
MVC	Arduino	Networking of Computer
Electronic	PLC	Package Microsoft office
Unity	MySQL	Linux
3D Print	Microcontrollers	Visual Studio code
Git/GitHub	Proteus	Fluidsim

LANGUAGES

English	Spanish

COURSES

Databases– 2015   Networks of Computers - 2016   Web Security – 2017

NETWORKS

LinkedIn : https://www.linkedin.com/in/jorge-luis-bustos-armas/   GitHub: https://github.com/BustosJorge/