



HECTOR GUEVARA

Mechanical and Electrical Engineering

PERSONAL STATEMENT

Develop myself in a professional way, providing my services always with a positive and collaborative attitude, contributing my knowledge and innovative ideas for problem solving; In addition, maintain a continuous learning, acquiring new skills and abilities in order to improve collaterally with the company where I work.

EDUCATION

MECHANICAL AND ELECTRICAL ENGINEERING

- Tecnológico de Monterrey Campus Ciudad de México | August 2015-June 2020
- Escuela Politécnica Superior de la Universidad de Burgos | Summer 2019

FULL STACK DEVELOPMENT BOOTCAMP

- Tecnológico de Monterrey – Trilogy Education | Feb 2022 - Present

WORK EXPERIENCE

AUDATEX, A SOLERA COMPANY

- Data development Junior Labor/Parts technician | 2018-2020
Research on vehicle updates, new technologies and service manuals provided by several manufacturers, in order to perform an analysis and assign procedures and reparation times of most estimated vehicle parts, with the final purpose of providing north American body shops and insurance companies with a collision repair estimate tool.
- Data Analyst Junior RFR Dept | Nov 2020-Present
Perform a data analysis based on customer requests and claims on the final product in order to provide early warnings to the production team and implement foreseeable and corrective actions with the purpose of reducing incoming and future claims.

SYS INGENIERIA

Co-founder | September 2020-Present

Company dedicated to the sale and installation of photovoltaic panels and security systems such as electric fences, CCTV cameras and alarm and intrusion systems.

RAPID AUTOMOBILE PROTOTYPE

Semestral project | November 2019

Design and implementation of a prototype car that simulates a smart braking scenario, based on fuzzy logic principles using LabVIEW, a microcontroller and several sensors.

FIAT CHRYSLER AUTOMOBILES

"Semana i" School project | September 2018

Design and simulation of an electrical vehicle (personnel transportation) fulfilling the company requirements using NX 10 software.

CONTACT

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LANGUAGES

Advanced English

- TOEFL 557
- BULATS B2

CERTIFICATIONS

- SolidWorks Mechanical design associate level CSWA
- Professional of Photovoltaic Energy by CPEF

SOFTWARE

- VSCode
- Postman
- SolidWorks
- NX
- Matlab
- EES
- PowerBI
- Office

CO-CURRICULAR EXPERIENCE

ITESM CCM AMERICAN FOOTBALL REPRESENTATIVE TEAM
Borregos CCM | 2015-2016

ITESM CCM TRACK AND FIELD REPRESENTATIVE TEAM
Atletismo ITESM CCM | 2016-2019