

Abner Emmanuel Becerra Valencia

Mechatronic Engineer and Software Development Technologist



Attitudes

- Proactive
- Flexible
- Problem Solving

About Me

- Able to develop, manage and maintain technical equipment.
- High capacity for learning new technologies and activities.
- Great ability to work in team.
- Passionate about sports cars since birth.

Skills

- Mobile Apps.
- HTML & CSS
- Embedded Systems.
- Firebase.
- SQL.
- IOT.
- PLC's.
- C++, C#, Python & Javascript.
- React Native and Android Studio
- LAN and WAN networks.
- Hydraulic and Mechanics.
- AI and Artificial Vision.
- Optical fiber.
- Oscilloscope & multimeter.

Languages

Spanish: Native

English: Advanced

Contact Info

Portfolio





GitHub




LinkedIn

Abner Emmanuel Becerra Valencia

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 954 Av. Real Camichines Tlaquepaque,
Jalisco, México.

Nationality: Mexican

Pasport: Valid

Marital Status: Single

Born on: 09/24/2000

Education

● Software Development Technologist **GPA (3.3)**

Industrial Technical Education Center (CETI), Jalisco.

August 2015 - June 2019

- Develop an automatic fish feeder system and data monitoring, using Android Studio, sensors, microchips, Firebase and IOT.

● Mechatronics Engineering **GPA (4.0)**

Industrial Technical Education Center (CETI), Jalisco.

August 2019 - June 2023

- Develop a functional scale elevator using Solidworks, a raspberry PI as a PLC, mechanisms and a 3D printer.
- Develop an automated volumetric analysis system using React Native and Firebase.

Experience

● Technical Support

MADEXA TRIPLAYSHOP. S.A. de C.V, Jalisco.

December 2017 - January 2018

- Installation of 12 IP security cameras.

● Station Assistant

SITEUR Line 3, Jalisco | September 2020-September 2021

- Make docs, supervise installations and passengers.

Technical Support

SITEUR Line 3, Jalisco | September 2021 - April 2022

- Maintenance of infrared barriers, IP cameras, SCADA, networks, hydraulic and mechanical equipment, etc.
- Supervise installation of 10 km of fiber optic network.

● Laboratory Assistant

PROESA-ATOTECH, Jalisco | May 2022 - May 2023

- Analysis and preparation of chemical solutions and coating metal sheets for electroplating.

Achievements:

- Get more mechanical experience fixing my used BMW, and helping with a reconstruction of a 1970 Javelin AMC.
- Get over 5K subscribers on YouTube in my free time.

Life goal:

Develop innovative projects for the automotive industry.