



# VANIA ALEJANDRA ELIZONDO MARTÍNEZ

## Digital Systems and Robotics Engineer

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github.com/vaniaelizondo | vaniaelizondo.github.io/CV

### PROFILE

My goal is to contribute in the creation of a technological future in the software industry.

### SKILLS

#### Web development

JavaScript	Advanced
jQuery	Advanced
ReactJs	Intermediate
PHP	Intermediate
MySQL	Intermediate
MongoDB	Basic

#### Programming

C++	Advanced
Python	Advanced
Arduino	Intermediate
VHDL	Basic
Assembly	Basic

#### Modelling and simulation

Matlab	Advanced
LTSpice	Intermediate
R	Basic
Unity	Basic
LabView	Basic
Eagle	Basic

#### Languages

Spanish	Native
English	Advanced
French	Intermediate
German	Basic

#### Personal skills

Organization, responsibility, leadership, adaptability

### EXPERIENCE

#### Front-End Engineer | Envia.com | April 2020 – Present

- Continuous JavaScript and jQuery improvement on the main site envia.com
- Design, creation and implementation of new PHP views.
- Fix of daily functionality and design bugs.
- Creation of Prestashop and Magento2 modules for integration.

#### Embedded Software Internship | John Deere | September – December 2019

- Developed Python scripts to automate reports view.
- Continuous Jenkins support enhancing deployment time.
- Corrections on pipeline syntax and added features such as HTML reports.

#### Back-End Development Internship | Neoris | October 2018 – May 2019

- Developed mtydigitalhub.com website with React.js.
- Creation of fields with Strapi and queries with GraphQL.
- MongoDB continuous support.

#### i-Semester | Ternium | August – December 2018

- Electronic PCB design of locator device whose battery lasts up for 2 years using Eagle.
- Coded WiFi communication protocol for the NodeMCU in Arduino.
- Team's project manager.

#### Coworker | Regnum Christi Medellín | August 2014 – July 2015

- Spiritual guidance for female teenagers.
- Social service activities with drug addicts, single moms and the elderly.
- Rural missions in 4 different low-income communities.

### EDUCATION

#### Tecnológico de Monterrey

BS Digital Systems and Robotics Engineering (GPA: 92)  
August 2015 – December 2019

#### University of British Columbia, Vancouver

Big data and new technologies in cities  
June 2019

#### Prepa Tec, Campus Cumbres

International Baccalaureate (IB) Certificate  
August 2011 – May 2014