



# VANIA ALEJANDRA ELIZONDO MARTÍNEZ

## Digital Systems and Robotics Engineer

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[github.com/vaniaelizondo](https://github.com/vaniaelizondo) | [vaniaelizondo.github.io/CV](https://vaniaelizondo.github.io/CV)

### PROFILE

My goal is to contribute in the digital era through the software industry.

### SKILLS

#### Programming

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

#### Web development

JavaScript	Advanced
jQuery	Advanced
ReactJs	Intermediate
PHP	Intermediate
MySQL	Intermediate
MongoDB	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

#### Soft skills

Organization  
Responsibility  
Leadership  
Adaptability  
Quick learner

### EXPERIENCE

#### Developer | Kalypso | May 2021 – Present

- Windchill customization, build and deployment.
- Java development for Windchill's personalization and expansion.
- Creation of Python scripts for data organization.

#### Front-End Engineer | Envia.com | April 2020 – April 2021

- 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.

#### Web 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.

### EDUCATION

#### Tecnológico de Monterrey, Campus Monterrey

BS Digital Systems and Robotics Engineering (GPA: 92)

August 2015 – December 2019

### COURSES & CERTIFICATIONS

#### Deep Learning Specialization

Deep Learning.AI

<https://coursera.org/verify/specialization/LQ8PDP3CZM4R>

#### AWS S3 Basics

Coursera

<https://coursera.org/verify/J6G4XCBYRB57>

#### UI / UX Design Online Specialization

California Institute of the Arts

<https://coursera.org/verify/specialization/6MYRCXUNJK4G>

#### Big Data and New Technologies in Cities

University of British Columbia, Vancouver

June 2019