



VANIA ALEJANDRA ELIZONDO MARTÍNEZ

Digital Systems and Robotics Engineer

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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

Soft skills

Organization
Responsibility
Leadership
Adaptability

EXPERIENCE

Developer | Kalypso | May 2021 — Present

- PTC's Windchill customization, build and deployment.
- Java development for Windchill's inner functionality expansion.

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

Prepa Tec, Campus Cumbres

International Baccalaureate (IB) Certificate

August 2011 — May 2014

COURSES & CERTIFICATIONS

Deep Learning Specialization

Deep Learning.AI

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

UI / UX Design Online Specialization

California Institute of the Arts

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

AWS S3 Basics

Coursera

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

Big Data and New Technologies in Cities

University of British Columbia, Vancouver

June 2019