



# VANIA ALEJANDRA ELIZONDO MARTÍNEZ

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

## CONTACT



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Monterrey, México

## LANGUAGES



**Spanish:** Native



**English:** 585 TOEFL



**French:** B1 DELF



**German:** A2 ÖSD

## SKILLS

### Programming:

C++, Python, Arduino, VHDL, Assembly

### Modelling and simulation:

Matlab, R, Unity, LabView, LTSpice

### Web development:

HTML, React.js

### Personal skills:

Organization, responsibility, leadership, adaptability

## EDUCATION

### Tecnológico de Monterrey

BS Digital Systems and Robotics Engineering (Overall average: 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*

## EXPERIENCE

### John Deere – Embedded software internship

Python development of automatic reports integrated with Jenkins (automation server).  
*September – December 2019*

### NEORIS – Back-end development internship

Creation of the website mtydigitalhub.com with React and Strapi.  
*October 2018 – May 2019*

### i Semester – Ternium

Design of locator device whose battery lasts up for 2 years using the NodeMCU.  
*August – December 2018*

### Regnum Christi Coworker in Medellín, Colombia

Worked as spiritual guidance for teenagers and performed social service with drug addicts, single moms and the elderly.  
*August 2014 – July 2015*

## EXTRACURRICULAR ACTIVITIES

### Rural missions in communities in México, United States and Colombia

*2010 – 2018*

### Community social service at Instituto Nuevo Amanecer (cerebral palsy children tuition) and Hospital Regional Materno Infantil (children game therapy)

*2010 – 2018*

### IEEE (Institute of Electrical and Electronic Engineering) and WIE (Women in Engineering) Student Committee

*August 2015 – May 2017*