

# Alberto Vargas Moreno

## Electronics & Communication Engineer

I am a software developer and enjoy a wide range of IT topics. I am an enthusiast of open source software. I have background in control, automation and electronics. I would love to get involved in projects where I am allowed to both learn and contribute. I am available to work near Mexico City or remote.

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Greater Mexico City

### PROYECTS

Landpage: tacode.mx | *Ref: pabloenmexico@gmail.com*

This webpage was developed for the design and development studio: Tacode. It is responsive, with an elegant uncluttered layout. It uses Bootstrap, some js libraries and jQuery to offer features like smooth scrolling, hamburger menu, carousels.

feb/2019 - may/2019

Firmware development: AC phase controller | *Ref:*

*valverde@cinvestav.mx*

The software was aimed for a temperature control, the development involved the use of microcontrollers MSP430 and performance tests with power circuits. The source code was developed in C.

sep/2018 - mar/2019

### COURSES

#### Cybersecurity Essentials

Cisco Networking Academy

Foundational knowledge of cybersecurity, including the basics of network security, DevSecOps (Development, Security, Operations), encryption and cybersecurity laws. Introduction to tactics and techniques used by Black Hats, and the principles of Confidentiality, Integrity and Availability (CIA) used by White Hats to defend networks. Practice of critical thinking and problem solving skills

#### Linux Essentials

Cisco Networking Academy

This training gives a good working knowledge of Linux, from both a graphical and command line perspective, allowing to navigate through any of the major Linux distributions. Skills to install, configure, and run Linux.

#### Networking Essentials

Cisco Networking Academy

Course focused in the knowledge of fundamentals of networking, how devices communicate, network addressing and services, how to build a home or small office network and configure basic security, basics of configuring Cisco devices, and the basics of testing and troubleshooting network problems.

### EDUCATION

**Electronics & Communication Engineering.** No degree.

Escuela Superior de Ingeniería Mecánica y Eléctrica. Instituto Politécnico Nacional.

Mexico City, 2013-2018

### SKILLS

#### SOFT SKILLS

Troubleshooting

Team work

Self-taught

Responsibility

Organization

Critical Thinking

#### LANGUAGES

English

Proficient

#### TECHNICAL

POO

C/C++

SQL

GIT

HTML

CSS

Javascript

Bootstrap

jQuery

Node.js

Express

Mongo DB

PHP

Linux

Filesystem Hierarchy Standard

dpkg

bash

Debian/Ubuntu

SUSE

Windows

MacOS