

DIEGO VITALES MEDELLÍN

SOFTWARE ENGINEER

DETAILS

ADDRESS

San Luis Potosí
Mexico

PHONE

+52 444 299 3049

EMAIL

diegovitalesm@gmail.com

LINKS

[GitHub](#)

[LinkedIn](#)

SKILLS

Java

● ● ● ● ○

C++

● ● ● ● ○

Python

● ● ● ● ○

React

● ● ● ○ ○

Laravel

● ● ● ● ○

Strong Critical Thinking
Skills

● ● ● ● ○

LANGUAGES

Spanish

● ● ● ● ●

English

● ● ● ● ●

Japanese

● ● ○ ○ ○

HOBBIES

Robotics, Competitive
Programming

PROFILE

College Student experienced and passionate of robotics competitions. Eager to solve any problem and help the community

EMPLOYMENT HISTORY

Programming Mentor, LamBot 3478

San Luis Potosí

Aug 2018 — Jun 2021

Taught new and current team members in Object Oriented Programming and usage of WPILib for a FIRST Robotics Competition robot with Java, as well as computer vision with Python for target detection.

Software Engineer, PM^2 D&S

San Luis Potosí

May 2020 — Present

Collaborative personal project, soon to be official business. Created a consulting group to create, test and develop different types of solutions for any customer involving software and/or hardware.

Game Developer, Catapulta

Monterrey

Jun 2020 — Present

Implemented the main game mechanics and physics, player and camera behavior, in-game "workshop" and avatar customizer, and multiplayer.

EDUCATION

Computer Science and Engineering, Tecnológico de Monterrey

Monterrey

Aug 2020 — Jun 2024

Received an Academic Excellence Scholarship

EXTRA-CURRICULAR ACTIVITIES

Programmer, chaBots

San Luis Potosí

Feb 2015 — Present

Took part in RoboCup for the Lightweight Secondary Soccer category. Winning 1st place in 2015 in Mexico, being able to participate in RoboCup 2015 in Hefei, China

Programmer, LamBot 3478

San Luis Potosí

Sep 2017 — May 2020

Took part in FIRST Robotics Competition, winning 4 different regionals throughout the years in Mexico and the US, as well as the Houston World Championship. Participant in the World Educational Robot Contest with a regional's 1st place, a 3rd place nationally, and a Best Team Award at the international stage in Shanghai, China