

Vicente Vázquez Ramírez

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Age and educational level: 20 years, higher engineering studies.

Objective

To be part of an innovative and challenging company as an intern, where I can apply and acquire skills, as well as knowledge to contribute to the growth together with the success of the organization, focusing mainly on the area of programming and development.

Education

PRESENT:

**UNIVERSITY | 2020 - PRESENT | INSTITUTE OF TECHNOLOGY AND STUDIES
SUPERIORS OF MONTERREY (MEXICO CITY)
MECHATRONICS ENGINEERING SIXTH SEMESTER**

BACCALAUREATE | 2017-2019 | SARA ALARCÓN SCHOOL (MEXICO CITY)

Academic Achievements

CREATION AND INTEGRATION OF AUTOMATED MATERIAL TRANSPORT SYSTEM | TECNOLÓGICO DE MONTERREY | 2022

- I worked in a team focused on creating an automated material transportation system for a factory. My responsibility included requirements identification, system design, programming and system commissioning.

CONSTRUCTION AND INSTRUMENTALIZATION OF SPORTS ROWING MACHINE | TECNOLÓGICO DE MONTERREY | 2022

- I participated in a project in which a sports rowing machine was developed with the use of microcontrollers. I was in charge of the selection of components, design of the control system, programming of the microcontrollers and tuning of the machine.

CORRELATION AND REGRESSION FOR STATISTICAL ANALYSIS AND PREDICTION OF POLLUTANT CONCENTRATION | TECNOLÓGICO DE MONTERREY | 2021

- Through linear and multiple regression, as well as correlation and its application within statistics was developed using Minitab a statistical prediction of pollutants, my main role was the development of regression systems.

WINNER OF THE FIRST YEAR OF ENTREPRENEURSHIP | SARA ALARCÓN | 2018

- My NIBOX team was the winner during the first entrepreneurship fair at Sara Alarcón School, my main responsibility was the design and creation of a functional prototype of a solar charger, as well as the presentation of the product.

WINNER OF THE SECOND YEAR OF ENTREPRENEURSHIP | SARA ALARCÓN | 2019

- My team was the winner for the second consecutive time in the entrepreneurship fair at the Sara Alarcón School, our project had such an impact that we were interviewed by a local news program called 21 Noticias, my responsibilities include project manager, head of the development and programming area where I designed a prototype of the application using flutter for mobile devices.

CREATION OF THE INSTITUTIONAL JOURNAL | SARA ALARCÓN | 2019

- Creation of the first electronic magazine at the Sara Alarcón School, my responsibilities include head of the design area and president.

Qualifications and skills

LANGUAGES

- Silver TOEFL JUNIOR certification that gives me B2 for Reading, Listening and B2 for Speaking and Writing (2017)
- Certification Preliminary English Test Pass with merit (2019)
- Harmon Hall concluded with the highest average in my class, obtaining 95 (2016)
- Next certification in French A2

LEADERSHIP

- President of the Baccalaureate Student Council in the current 2019
- Group Leader in the third year of secondary school (2016-2017)
- Entrepreneurship Group Leader with Nibox (2018)
- Entrepreneurship Group Leader with Mexicoolture (2019)

PROGRAMMING AND SOFTWARE SKILLS

- Intermediate notions in Python
- Visual Basic Programming
- Fundamentals in C++
- Object-oriented C# programming
- Intermediate notions in C focused on microcontrollers
- Matlab intermediate use focused on mathematical models
- Control-oriented Maple programming
- SolidWorks Fundamentals for Structure Design
- Kali Linux Fundamentals for Vulnerability Checking
- Knowledge in Corrective and Preventive Maintenance
- Using HTML language
- Advanced knowledge in hardware assembly, fundamentals in circuits
- Intermediate notions in Arduino
- Certificación Testing Program en: Microsoft Office 2016 business (2018)

VERBAL SKILLS

- Ease of speech
- Good improvisation
- Talent for exhibiting

OTHER

- Basic Cardiopulmonary Resuscitation Course at the Central Military Hospital
- Member of the climbing group in secondary school
- Community support activities by reforestation
- Cleaning in the streets of Mexico City
- Knowledge in photography and photo editing