Vicente Vazquez Ramirez

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Age and educational level: 21 years, higher mechatronic engineering studies.

Objective

To be a part of an innovative and challenging company, where I can apply and further develop my skills and knowledge, contributing to the organization's growth. I am keen on focusing on programming, development, and mechatronics.

Web portfolio with translation feature: https://vicvaz074.github.io/PortafolioWeb/

Education

PRESENT:
UNIVERSITY | 2020 - PRESENT | INSTITUTE OF TECHNOLOGY AND STUDIES SUPERIORS OF MONTERREY (MEXICO CITY)
MECHATRONICS ENGINEERING SEVENTH SEMESTER
EXPECTED GRADUATION: JUNE 2024

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

Work Experience

ALTAIR SALES INTERN | 2023 (1 YEAR)| SALES INTERN

· Responsibilities focused on sales development, identifying potential customers, effective contact methods, collaboration and information management.

MECHATRONIC RESEARCH INVESTIGATOR | CTIN (CARSO) |

· Led research initiatives across mechatronics, industrial engineering, and administration, identifying and integrating emerging technologies. Collaborated with multidisciplinary teams to assess and design tailored solutions for diverse projects. Presented findings to senior management, aligning with company objectives, and played a pivotal role in the successful initiation of several innovative projects.

Certifications:

- · Oracle One Certification | Oracle Next Education F2 T5 Back-end and Front end
- · Web Full Stack Development Bootcamp | Ucamp Utel University (Currently Enrolled)
- · Silver TOEFL JUNIOR | B2 for Reading, Listening, Speaking, and Writing (2017)
- · Preliminary English Test | Pass with merit (2019)
- · Certificación Testing Program | Microsoft Office 2016 business (2018)

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 transport system for a factory. My responsibility included the identification of requirements, system design, programming and commissioning of the system.

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

- I participated in a project in which a sport 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 the Minitab program a statistical prediction of pollutants, my main role was the development of regression systems.

WINNER OF ENTREPRENEURSHIP FOR TWO CONSECUTIVE YEARS | SARA ALARCÓN | 2018

- In 2018, NIBOX won at Sara Alarcón School's entrepreneurship fair, with my key contribution being the design and realization of a solar charger prototype and product presentation. We won again in 2019, garnering a feature on 21 Noticias. This year, I served as project manager, development and programming head, and designed a mobile app prototype using Flutter.

Skills

LANGUAGES

- Silver TOEFL JUNIOR certification giving me B2 for Reading, Listening and B2 for Speaking and Writing (2017)
- Certification Preliminary English Test Pass with merit (2019)
- Harmon Hall finished with the highest GPA in my class, scoring 95 (2016)
- French (A2)

LEADERSHIP

- President of the Baccalaureate Student Council (2018-2020)
- Entrepreneurship group leader with Mexicoolture (2019) and Nibox (2018)
- Ease of speech, good improvisation, talent for presenting and communicating

COMPUTATION

- Proficient in Python, Visual Basic, C++, Javascript, HTML, MySQL, C#, C, Matlab, Maple, Unity, SolidWorks, Kali Linux, Arduino
- PLC knowledge including SIEMENS software such as TIA PORTAL
- Advanced knowledge in hardware assembly, fundamentals in circuits