

Jorge Enrique Sánchez Encinas

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Overview

My name is Jorge Enrique Sánchez Encinas, I'm currently 17 years old and studying in Tec de Monterrey. Since I was a little kid, I have been passionate about robotics and the field of engineering. My insatiable curiosity has afforded me significant learning opportunities, which I've also shared with others.

On the other hand, I am a true believer that the world can always be a better place, that's why I'm also highly involved in high-impact social and environmental activities as a volunteer. Having stated all the above, I'm glad to present my most important activities and my future plans.

TECHO

Volunteering

This international organization is a key part of myself and my social volunteering experience as it encourages young people to join campaigns with the purpose of supporting those without housing. I've engaged in various activities, including the following:

- Contruyetec vice president (Tec students group)
- 2 national fundraising campaigns
- Construction on the community Sergio Barrios (as a leader)
- Construction on the community '5 de Noviembre' (as a leader)
- 2023 National ECO

Salvation Army

Volunteering

The Salvation Army is a nonprofit organization that fights poverty and homelessness. They offer hot meals, comfy beds in shelters, and help during disasters, all with the goal of giving people a hand up when they're down.

I personally was involved in repeated occasions as a volunteer in charge of distributing the basic meal for those who are in need. This activity took place in Chula Vista, California during the 2024 summer break. I saw this free time as a perfect time to help people in need.

First Robotics Competition

Robotics

My first approach to a real engineering experience was when I found out my local 'First Robotics Competition' team #7102 Daedalus. In which, I am the programming leader and the robot driver. This year (2024) we were the Hermosillo regional winner within the autonomous award (which congratulated my personal work area, programming). In addition, this season, I was chosen to represent my team in the Dean's list award (an award specifically made for students who spread the First and STEAM values among the society). It was the victory in Hermosillo, the one that gave us the chance to go all the way to Houston and compete against 600 different robotics teams.

These are some of my personal achievements on this robotics team:

- Lead programmer
- Member of the drive team
- Team appearance on 6+ news sites (being personally quoted on one)
- Dean's list semi-finalist
- 2022 Guadalajara off-season
- 2023 and 2024 Monterey regional
- 2023 Puebla regional
- 2024 Hermosillo regional (winners)
- 2024 Houston Championship
- 2024 Autonomous award winners

Leaving aside the competition factor, I have current personal robotics projects on development such as a robotic arm prototype with automation purposes. This project is intended to use vision systems (cameras) and Artificial Intelligence.

Outstanding GPA

School

I consider school to be fundamental, and that's why I take it very seriously, up to the point of being in the top 10 best average grades in my whole program (Bicultural) generation. I was honored to receive an invitation to the Tec de Monterrey academic gala, an event exclusively for the most outstanding students. This is a true reflection of my academic effort and my passion for learning new things.

Model of the United Nations (MUN)

School

In the Model United Nations, I developed myself as the Ukraine delegate on the UN-Women committee. This experience profoundly demonstrated the potential for effecting change, even within the confines of a simulation. During this event, I had such an outstanding role that I even got the Honorific mention for one of the most important actuators to achieve a perfect resolution. This year, I decided to participate again but this time as part of the general assembly chair.

Speech presentation

Communication

In my 3rd semester, I was honored to have been selected within my class to deliver a speech titled "The Artificial Intelligence: A Tool with the Power of Change" being this part of my engineering passion and my main purpose of encouraging people to take advantage of the mentioned power tool.

Drums presentation

Music

During my first semester, I was able to learn how to play the drums and feel an artistic and musical side of myself. As part of the experience, at the end of that semester, I presented the song 'Living on a Prayer' at a cultural exhibition. I am happy to state that up to the date, I still have the habit and discipline of playing the drums as a hobby

In conclusion, I consider myself a person who is always looking forward to doing new things and at the end of the day, make at least a small change in the world for good. That's why I am currently in the process of involving myself in a local group which does impact worthy activities, such as hospital visits and fundraising initiatives to support children suffering from cancer.

Thank you so much for reading and best regards, Jorge Sánchez