ESTEBAN MOISES HERNANDEZ LOZA

MECHATRONICS ENGINEER TRAINEE

PROFESSIONAL SUMMARY

I am a Mechatronics Engineering student with a great passion for electronics and robotics. In addition, I am deeply interested in programming, covering both web and backend development as well as the creation of software projects. I have participated in hackathons, which has allowed me to identify areas of improvement in my studies and recognise my progress. The first of these has been to get out of my fear and comfort zone. I have created personal projects in a self-taught way, simple but effective, and always with the aim of learning.

CONTACT

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- LINKEDIN ESTEBAN HERNANDEZ
- estebanLoza (Github)

EDUCATION

Mechatronics Engineer

FIME (En curso)

SKILLS

- Ingles (básico)
- Buena Comunicación con los clientes.
- Trabajo en Equipo
- Responsable

TECNOLOGIAS/ CONOCIMIENTOS

- HTML/CSS/JAVASCRIPT
- SVELTE
- REACTJS
- PYTHON
- LINUX (UBUNTU,)
- C
- Git/GitHub
- FIGMA
- SQL/POSTGRE SQL

PROJECTS

Electrical Machines Program (C Language)

I elaborated a program for a school project, which calculated the current necessary for the establishment of the lines in a magnetic circuit. Using C language and Gnuplot to find out its immanence curve.

Pladau website

This project was made for a school project about the creation of a subject venture, this page was the first one I made with reactJs, to test how it works.

HACKATHON BANORTE 2023

FINALIST OF THE DIGITAL HUMAN BANK CHALLENGE

It was my first hackathon, where the challenge was to find a solution that used technology and still had human contact. Where the Banorte mobile application was redesigned using the technology with figma given that the time was 24 hours.

Hackathon 2024 LinceHacks Monterrey Nuevo Leon

In this hackathon was free, we made a web page, to help people who want to enter a career showing the networks of subjects and what they were in that career, and for students, about books help, recommendations for buying materials. The technologies used were html, css, c#, .net, mongodb, asp.net core mvc.

Asistente de Voz con AI (Python)

This is a personal assistant project, simple that can search from web pages, send mails, wikipedia information, and give the time, it is something simple, but with these libraries that I used, it was a great learning experience to understand how it works.

ICP Computer Hackathon (Winner)

In this Hakacthon my team and I made an innovative blockchain-based platform that harnesses the power of the Internet Computing Protocol (ICP) to facilitate solidarity loans for environmentally-focused projects. Made with Svelte and motoko(the backend just to make a simple transaction).