

Felipe de Jesús González Acosta

Student at ITESM Monterrey, N.L, Mexico

EDUCATION

University: ITESM Monterrey

B.S in Computer Science and Technology

Class of 2025

Accumulative GPA = 95/100

High School: PrepaTec Hidalgo

Bicultural Diploma

Accumulative GPA = 95/100

MAJOR SCHOOL AND PERSONAL PROJECTS

2023 Scholarvy Back-End developer

Currently working as a back-end developer in a start-up focused on developing an AI-based academic platform, specializing in academic research and writing tools. I am working on developing the API, database, and functional tools of the web app, including a word-type workspace, file storage in the cloud, and subscription-based tools. Collaborating with other developers in the general idea of the app and the start-up behind it. Expected to be implemented as an educational tool in 5 courses for ITESM (my university). (React, Nodejs, Express, PostgreSQL, Tailwind, Next, Github, Python, Arduino). <https://www.scholarvy.io/>.

2023 TecRacing Electrathon Telemetry - Web App

Engineered a web application capable of monitoring, storing, and displaying real data gathered from sensors attached to an electric racing kart. Contributed to physical data gathering procedures and managed the complete development of the web application. Collaborated with other area engineers to optimize the implementation of the project. Designed the statistics for them to be analyzed by Mechanical Engineers and the team's sponsors. (React, Nodejs, Express, Tailwind, MySQL, Chartjs, Postman, Github, Arduino, ESP32, C++). <https://github.com/Felipegonac0/TecRacingTelemetry>.

2023 ECOA Videogame on Web

Improved ECOA survey, ITESM's (my university) main satisfactory survey, in a gamified website. Collaborated with 5 teammates to design and create the new version of the survey. Mainly worked and developed videogame, database structure, and the connection between both. The project was recognized as the most effective and practical way to recreate it by ITESM's directors and teachers. (Javascript, C#, React, Unity, Github, MySQL, Nodejs). <https://github.com/Felipegonac0/ecoa>

2021 Python Local Store Inventory Service

Developed a functional terminal application in Python 3 for a store to be able to manipulate, access, and configure its inventory, have control of the sales made by every employee, and know the monthly profit. Used basic Python functions to manipulate a text file and used data structures like dictionaries and lists. Also applying designed functions to have a better and improved UI and UX. (Python) https://github.com/Felipegonac0/inventory_system.

EXPERIENCE AND ACHIEVEMENTS

2022-2023 Arduino Instructor for 8th-9th grade

2020 HackNOW Jr. Winners (DULAS App)

2018-2020 ITESM Ambassador - High School Honor Student Representative

2018-2019 National Finalist World Educational Robotics

2018-2019 National Finalist World Educational Robotics Competition

Contact Information

+52 771 708 4112

felipegonacit@gmail.com

www.linkedin.com/in/felipeglzac/

<https://github.com/Felipegonac0>

Languages

Native Spanish

Advanced English (B2 - Cambridge First Certificate)

German (Currently Studying)

Skills

Programming languages:

Python 4 years

C/C++ 2 years

C# 6 months

Matlab 2 years

HTML/CSS 1 year

Javascript 1 year

SQL 6 months

Electronics:

Arduino IoT

ESP32/ESP8266 with C

WiFi modules

Bluetooth Modules

Social Skills:

Leadership

Teamwork

Effective communication

Adaptability

Mentoring and tutoring

Creativity

Critical thinking

About me

I am a second-year student pursuing a B.S. in Computer Science and Technology. I've been passionate about science and technology since I was little. As I grew up I developed different technical and social skills that lead me to be part of different projects that nourish my software developer skill. As a fun fact, I love teaching little kids any science or music-related topic. From my point of view, personal skills are developed to share with others and help create a better world.