Juan Ramón Ramírez Virgen

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EDUCATION

Universidad de Guadalajara   *GPA: 4.0/4.0*

Informatics Engineering   *Started in August 2021 | Graduating in May 2025*

MAJOR PROJECTS

Travel Agency Website (March 2023)

Coded a travel agency website with Node js, Express, Sequelize, and MVC. I used PUG and Bootstrap for the views.

- *The travel examples come from a MySQL database.*
- *It contains a form section where people can leave their testimonials of the trip. Once the information is validated, it is added to the database and displayed in its section.*

CRM Crud (January 2023)

Programmed a program that simulates a CRM with CRUD operations in JavaScript.

- I create an API with JSON server; the program sends POST petitions to the server with the new client data. It also uses DELETE and PUT methods.
- Uses Async Await, REST API, and modules.
- Any changes like create, delete or update are reflected automatically on the API and the index.

Music Player (June 2022)

Coded a functional music player with a circular doubly linked list structure *in C++.*

- Developed the data structure with all its operations, making the player very subtle.
- Built an interactive interface with ASCII code that demonstrated the position changes in the music player, all with gotoxy function.
- Configured the IDE compiler to play the songs, even if they were in wav format.

File handling (September 2022)

Created a single linked list with the option of saving the information and retrieving it from a text file in C++.

- Each node is a student object with various private attributes and methods.
- Any changes to the list are reflected in the file automatically.
- Developed these operations in dynamic memory and in C++ with fstream library.

SKILLS

Programming languages	Courses	Languages
C++ – 1.5 years	*- Completed several JavaScript courses by Udemy.*	*Spanish* (Native)
JavaScript – 9 months		*English* (Medium-Advanced)
C– 7 months	*-Belonged to Interns GDL a support group for young people who want to enter an internship.*	
Python – 3 months		