Angel Orozco

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Education

B.S in Electronic Engineering. ***Anticipated, 2026***
Universidad Nacional de Córdoba.

B.S in Software Development ***Anticipated, 2026***
Brigham Young University, Idaho

- Will receive a first certificate as Web and computer programmer in December 2023.

Experience & Projects

Web Designer *July - Present*

- Currently, I am in the process of developing a web page that serves as an online catalog for a small company specializing in resin accessories. The page will showcase their projects and enable users to interactively create their own personalized accessories with multiple customization options.

Microcontroller Programmer *July 2022 - August 2022*

- Designed, programmed, and implemented a minigame controlled by the microcontroller 18F47J53, coded in C language, it included SPI communication with an EEPROM.

Assistance System *June 2023*

- Programmed a stock management system in C# with the .NET 6 framework. The system was modeled under the CRUD methods, established a connection with a MySQL table using the MySqlClient library, and updated the information dynamically, with the capacity to produce a report of the inventory.

Web API Development *May 2023*

- Took a course related to web API development in C# under the .NET 6 framework, utilizing Swagger to describe the structure. I managed to use routing and dependency injection to create a set of endpoints, configured the API for CORS, connected to a SQL server using Entity Framework to fetch the information for the API calls, and secured the endpoints using JWT.

Stock helper System *December 2021*

- Designed and programmed a stock-matching system in VBA. It was customized to align with the company's stock management procedures. Operators would input information such as the polymer type, alphanumeric serial number of the bag, and its location in the inventory during the month. When this data was entered into the system, it would cross-reference it with the registered stock. If there was a match, the corresponding cell would change color and display a comment specifying the exact stock item it referred to. The system was also capable of keeping count of the type and amount of polymer used.