



Hello, I am..

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Freshman | Technological Institute of Monterrey
Class of 2024



CONTACT



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LANGUAGE

Spanish

: Native

English

: Fluent



HOBBIES

Cooking

Speedcubing

Videogames

Music

Design

Taking Things Apart

EDUCATION

2017 - 2020

Liceo del Valle, Jal. México
High School



2019

Wizeline Academy, Jal. México
Leadership

2020 - Present

Technological Institute of Monterrey, Jal. México
Computational Technology Engineering

- Honours graduate with 9.5 GPA in High School.
- Head of Technology and Audiovisual Productions of the Student Concil.
- Captain of the debate team.

EXPERIENCE

2018 - 2020

International Expo of Ideas "NEXT"
Head of Technology and Audiovisual
Productions

An event that seeks to eradicate apathy in today's youth so that they can be an agent of change in society. With more than 2,000 attendees from Latin America and renowned speakers from all over the world. Led the technology and audiovisual team and developed systems to improve work efficiency.

2018

¡Liceo por Nayarit!
Project Lead

After a hurricane struck Nayarit, México, this project came together as a way to provide aid to the people impacted by the storms. Led the fundraising efforts & the collection of groceries for transportation to the affected area.

2017 - Present

LFX Productions
Audiovisual Productions

LFX Productions is a company that provides innovative solutions to all your Audiovisual Production needs. Led the team in charge of creating promotional material for events.



Remote Controlled Hydraulic Arm

With the use of **servomotors** and an **Arduino**:

- Built a hydraulic system controlled via **Bluetooth** and an **Android App**.

Algebraix WebScraper

Algebraix is a webplatform for schools that manages grades for students.

With the use of **webscrapping technologies**:

- Built an **automated bash script** that checks for changes in student grades.
- Implemented the **Phillips Hue API** to provide visual feedback to the user according to the changes found.
- Using the **IFTTT** platform, created functions to send a notification to the user's device if a change was found.

Wii / Gamecube Game Manager

- Built a **bash script** that automatically installs Nintendo Wii and Gamecube games to a USB for playing in a Homebrewed Wii.
- Implemented **web scrapping** technologies to automate the searching of games and cover art.
- Created functions to format and create a folder structure for the USB drive, to make the experience easier for the user.

Parabolic Shot Calculator

For a **contest** organized by the Panamerican University Campus Guadalajara:

- Built an application using the **Shortcuts** platform for Apple devices.
- Successfully implemented mathematical formulas for parabolic shots.
- Created **algorithms** for finding the most optimal shot to hit the target.



PROJECTS

SKILLS

Beginner Advanced

Adobe Suite



Microsoft Office Suite



Google Drive Tools



Linux



Python



Git



HTML



CSS



Javascript



Matlab

