

# Jorge Plasencia

+52 (612) 105-0129 | [jorgeplasenciaaj@gmail.com](mailto:jorgeplasenciaaj@gmail.com) | [linkedin.com/in/jorgeplasenciaA](https://linkedin.com/in/jorgeplasenciaA) | [github.com/WaberHoruhe](https://github.com/WaberHoruhe)

## EDUCATION

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**Tecnologico de Monterrey**  
*Bachelor of Science in Computer Science*

Guadalajara, Jalisco  
*Aug. 2020 – May 2024*

## EXPERIENCE

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### IT Assistant

*Volkswagen*

September 2018 – November 2018

*La Paz, BCS*

- Implemented an inventory system to keep track of the 60+ electronics in the building.
- Managed and kept up to date internal software and hardware for 12 maintenance stations.

## PROJECTS

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### Game Catalog for iOS devices | *Swift, SwiftUI, Git*

October 2021 – November 2021

- Developed a app that shows the different media contents for different games
- Used an API in order to get the content of the app
- Implemented a working MVVM architecture, involving both front and back end
- Implemented a database in order to register and login different users
- Made use of third party packages for Swift
- Was able to access the users photo gallery and camera

### Pokédex for iOS devices | *Swift, SwiftUI, Git*

October 2021 – November 2021

- Developed a working Pokédex with the information of the desired Pokémon
- Used the PokéAPI in order to retrieve and search for every Pokémon related object
- Display the Pokémon on a LazyGrid in order to save resources
- Worked in a collaborative way during the whole development process
- Random Pokémon team builder

### To-Do Web App | *JavaScript, React.js, GitHub Pages, Git*

December 2021 – January 2022

- Developed a working ToDo Web App using React.js
- Implemented a search bar to navigate through the existing To-Dos
- Made in an easy to read way using custom hooks
- Saves every To-Do inside of LocalStorage
- Deployed the project making use of GitHub Pages, page can be seen [here](#)

### Movie & Series Catalog | *C++* December 2020 – December 2020

- Developed a simple catalog to display movies and series with features as rating, sorting and searching
- Using a text file, the code is able to sort all the elements in vectors
- The code is able to differentiate between movies and series and creates a class for each type
- The rating system allows the user to rate between 1 and 5 stars, using this as a searching parameter

### Educational Game | *Python, Git*

February 2019 – March 2019

- Developed a educational game in python targeting Elementary School students
- The math section of the game was completely randomized, promising different questions every time
- The game had 3 different topics to choose from, math, Spanish and history
- The game is a multiplayer score-based quiz
- The game could handle as many players as the user desired

## TECHNICAL SKILLS

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**Languages:** C++, Swift, Python, JavaScript

**Developer Tools:** Linux Systems, VIM, CLI, VSCode, Git, Xcode, Docker, GH Pages, Firebase

**Frameworks & Libraries:** SwiftUI, React.js.