

# Jacob I.I. Padilla

[Jacobpadilla41@gmail.com](mailto:Jacobpadilla41@gmail.com)

## Summary

Some interests include but not limited to: **Machine Learning, Data Science, and Software Engineering**. Held an **Internship** at the **El Paso Intelligence Center** learning RESTful API. Technology is all around us, so I love the idea of creating something that could have an impact. That is what drove me to learn more about computer science.

## Education

**Graduated:**

Fall 2020 from the University of Texas at El Paso

**Major:**

B.S in Computer Science with a minor in Mathematics.

## Experience

- **Internship:** Held an internship with El Paso Intelligence Center. Learning and developing RESTful API data
- **UTEP Organization:** Joined an organization that would aid in shaping high school student's knowledge in the field of computer science.
- **UTEP DB (Group project):** Worked with the CS Department for creating an application that would aid in the scheduling for the cs undergraduate and graduate student. During the process I learned a lot about working with client needs.
- **Senior Project (Group project):** Learned the fundamentals of Documentation, and how to integrate the evolving documentation to fit the clients needs. The second phase was getting those clients' needs from the documentation and start the developing the client's application.

## Projects

- **Python:** Created a search rank based on user query including the use of web crawling to get information.
- **React.js/MongoDB:** Group Project to create a web-based application for the Cyber Experimentation & Analysis Division (CEAD) in El Paso, Texas.
- **Java:** Created a dictionary lookup using the HashMap algorithm to see how many times a given word appears in the .txt file.
- **C/Assembly:** A simple solo pong practice game for the MSP430

Projects can be found at the following GitHub link: <https://github.com/JacobpaDILLAA>

## Computer Languages

- |          |            |            |
|----------|------------|------------|
| • Java   | • C        | • MongoDB  |
| • Python | • Assembly | • React.JS |
| • PHP    | • HTML/CSS |            |

## Languages:

- **English:** Native
- **Spanish:** Semi - Conversational