**Rafael Arellanes**

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**EDUCATION**

**Texas Tech University Graduation May 2024**

*BS Computer Science; Minor, Mathematics Lubbock, TX*

* Member of Hispanic Student Society during 2020
* Studied abroad in Seville, Spain during summer 2023semester at TTU Center in Seville
* Active Participant in The Goin Band at Raiderland playing Trombone.
* Member of Kappa Kappa Psi

**EXPERIENCE/PROJECTS**

**HackWesTX – FoodFinder Feb. 2023**

*Participant Lubbock, TX*

* Collaborated on a team to design FoodFinder, a food app with a Tinder-like swiping interface.
* Contributed to ideation for the app’s concept and functionality.
* Participated in the app’s design and user interface development, ensuring an intuitive and visually appealing experience.
* Technologies Used: JavaScript, react.js, and Expo Go

**Personal Portfolio: rafaelarellanes.com Feb. 2023 – Jan. 2024**

* Developed a personal portfolio website to showcase web development skills and projects.
* Technologies Used: CSS, HTML, and Django
* Project Status: Finished

**IBIS: Interactive Bot for In-Depth Study Jan. 2024**

* Collaboratively utilized Django for a secure and scalable backend, managing algorithmic data.
* Co-developed a Rasa-based chatbot for personalized assistance on search and sort algorithms, enhancing programmer proficiency.
* Contributed with HTML/CSS frontend for seamless interaction, optimizing the learning experience.
* Project Status: Ongoing

**Parser Project Apr. 2023 – May 2023**

* Developed a parser project as part of coursework, focusing on validating the syntax of source code files.
* Utilized Python for implementation, including the use of parsing libraries and tools.
* Successfully designed and implemented a lexical analyzer and parser, ensuring adherence to language-specific syntax rules.
* Demonstrated strong algorithmic thinking and problem-solving abilities in handling complex parsing scenarios.

**CERTIFICATIONS**

* Introduction to Back-End Development (Meta)
* Programming In Python (Meta)
* Version Control (Meta)

**TECHNICAL SKILLS & INTERESTS**

* **Technical Skills:** Python, Django, C Programming, Java, HTML & CSS, APIs
* **Interests:** Music, volleyball, cars, art, food, reading