

Ana M. Garcia

ana.garcia30@utrgv.edu | (956) 340-7110 | github.com/anamichell | linkedin.com/in/anamichell | McAllen, TX

EDUCATION

University of Texas-Rio Grande Valley

Edinburg, TX

B.S in Computer Science GPA 3.8/4.00

Expected May 2025

Coursework: Data Structures, Java OOP, Software Engineering, Web Development, Prog in Linux/Unix, Assembly

Awards: UTRGV Scholars Program, Dean's List 2021-Present

Certificates: Cornell University, Online Certificate in Machine Learning Foundations, August 2024; UTHealth Houston, Certificate of Completion, GET PHIT Bootcamp, May 2024.

SKILLS

- **Technical:** Python, Java, JavaScript, C++, SQL, HTML, CSS, Ruby, Bootstrap, Git & GitHub, Visual Studio Code
- **Interdisciplinary:** Agile Methodologies, Problem-Solving, Teamwork, Interpersonal Skills, Project Management

RELEVANT EXPERIENCE

Relativity, Remote

August 2024 – Present

AI Studio Fellow

- Assessed and analyzed datasets to identify biases and errors in generative AI models.
- Obtained and compared model outputs to evaluate performance and ensure reliability.
- Reported on model evaluation findings, clearly communicating results and implications to stakeholders.
- Gained expertise in large language models (LLM) and advanced model evaluation techniques.

IDEA Public Schools, Remote

June 2024 – August 2024

Student Information Systems Intern

- Enhanced data accuracy by cleaning and updated records for 300+ students using PowerSchool and Excel, facilitating precise communications and smooth enrollment for the upcoming school year.
- Managed teacher and vacancy additions for IDEA schools in Texas and Louisiana, improving staffing and resource allocation.
- Ensured operational accuracy by updating a master tracker and conducting scheduling audits for 50+ campuses.
- Streamlined daily operations by sending reminders, handling inquiries in SIS group chats, updating bell schedules, and setting up school calendars.

Texas Pre-Freshman Engineering Program - TexPREP, Edinburg, TX

June 2023 – July 2023

Summer Program Mentor

- Mentored 15 students over a 7-week program in Engineering and Computer Science, fostering their skills and confidence in the field.
- Engaged directly with students during classes and labs, managing attendance and providing guidance that enhanced their understanding and performance.
- Oversaw research and study periods, maintaining meticulous records that helped track and boost student progress.

SELECT SOFTWARE PROJECTS

Equipment Scheduler | React, JSX, SQL, HTML | github.com/elviazamora338/Senior-Project-2024

Creating an equipment scheduler using React and JSX, primarily driven by a SQL database. Users can select a school and log in via a token sent to their email. Once logged in, they can schedule, bookmark, and, for staff, add equipment. The project focuses on real-time availability and streamlines scheduling for improved user experience.

Song Searcher | EJS, SQL, JavaScript, HTML | github.com/anamichell/SongSearcher

Created a dynamic Bootstrap webpage to showcase Sade's discography, featuring an interactive album explorer, song details, and a search function for partial lyrics. Collaborated on backend data integration for smooth database functionality.

LEADERSHIP EXPERIENCE

Break Through Tech, Fellow

May 2024 – Present

Selected from 3000+ applicants for the Break Through Tech AI Program at Cornell Tech.

- Participant in 12-month long program including Machine Learning Coursework with Cornell faculty, experiential learning experiences, and mentorship from industry professionals.