

Ana M. Garcia

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EDUCATION

University of Texas-Rio Grande Valley

B.S in Computer Science GPA 3.8/4.00

Edinburg, TX

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

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 impacting the collection of analysis of evidence.
- 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 a cohort of 15 students in Engineering and Computer Science, enhancing their understanding and engagement over a 7-week program.
- Managed attendance and supported classes, contributing to a well-organized and effective learning environment.
- Provided guidance during academic activities, facilitating improved student performance and motivation.
- Oversaw research and study periods, maintaining meticulous records that helped track and boost student progress.

SELECT SOFTWARE PROJECTS

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

Developed a dynamic webpage using Bootstrap to showcase Sade's discography. The site features an interactive interface for exploring albums and viewing song details. Implemented a search functionality to find songs by partial lyrics.

Collaborated on backend data integration to ensure seamless 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.