

# Ana M. Garcia

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## EDUCATION

### University of Texas-Rio Grande Valley

Edinburg, TX

B.S in Computer Science, GPA: 3.82/4.00

May 2025

*Relevant Coursework:* Data Structures, Database Design and Implement, Web Development, Applied Statistics

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

## SKILLS

- **Languages:** Python, Java, JavaScript, SQL, C++, HTML, CSS
- **Tools and Libraries:** Pandas, Jupyter, Excel, Git, Tableau, VS Code, JIRA, PowerSchool, Banner

## EXPERIENCE

### CollegeCommunityCareer, Remote

January 2025 – April 2025

#### Intern

- Cleaned and standardized 2,000+ student records using Excel and Google Sheets functions, improving data quality and consistency.
- Updated a longitudinal outcomes tracker (2013-2026) with data from the National Student Clearinghouse (NSCH), monitoring college enrollment, persistence, and degree completion.
- Analyzed standardized test data (PSAT, SAT, ACT) to evaluate student growth using percent change calculations and functions like COUNTA and COUNTIF.
- Provided insights on academic and post-secondary trends to inform program evaluation and decision-making.

### IDEA Public Schools, Remote

June 2024 – August 2024

#### Student Information Systems Intern

- Cleaned and updated records for 300+ students using PowerSchool and Excel, ensuring smooth enrollment for the upcoming school year.
- Coordinated the addition of 50+ educators across Texas and Louisiana schools, improving resource allocation.
- Updated a master tracker and conducted scheduling audits for 50+ campuses to ensure operational accuracy.
- Streamlined daily operations by sending reminders, handling inquiries in SIS group chats, updating bell schedules, and setting up school calendars.

### University of Texas-Rio Grande Valley, Edinburg, TX

Sept 2021– Sept 2022

#### WS Student Assistant – Undergraduate Admissions

- Utilized Excel to track and monitor progress on student data integrity, ensuring accurate records for admissions and enrollment.
- Verified and cleaned duplicate student records, improving the overall quality of admissions database.
- Cross-referenced student data with internal systems to resolve discrepancies and ensure consistency.

## PROJECTS

### Equipment Scheduler | React, JSX, SQL, HTML | [github.com/elviazamora338/Senior-Project-2024](https://github.com/elviazamora338/Senior-Project-2024)

Created 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.

### Bias Detection in LLMs | Python, Pandas, Seaborn | [github.com/BTT-Relativity1B/Main/tree/main](https://github.com/BTT-Relativity1B/Main/tree/main)

Developed a custom bias-testing framework to detect socioeconomic and gender bias in sentiment analysis models. Used a labeled dataset to evaluate prediction shifts across income levels and visualized results with Seaborn for pattern discovery and model evaluation.

## LEADERSHIP EXPERIENCE

### Break Through Tech, Fellow

May 2024 – April 2025

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.