

# 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**, online certificate in Public Health Informatics

May 2024

## SKILLS

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

## RELEVANT EXPERIENCE

### IDEA Public Schools, Remote

June 2024 – August 2024

#### *Student Information Systems Intern*

- Cleaned and updated data for 300+ students using PowerSchool and Excel, ensuring accuracy and reducing post-rollover errors.
- Managed teacher and vacancy additions for IDEA schools in Texas and Louisiana, optimizing staffing and resource allocation.
- Updated a master tracker and performed scheduling audits for 50+ campuses, ensuring operational accuracy.
- Sent reminders and handled inquiries in SIS group chats, updated bell schedules, and set up school calendars to streamline daily operations.

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

June 2023 – July 2023

#### *Summer Program Mentor*

- Mentored a cohort of 15 students over a 7-week program focused on Engineering and Computer Science.
- Managed attendance, actively participated in classes and labs, and provided valuable support to instructors.
- Engaged directly with students during academic activities, offering guidance and assistance.
- Oversaw research and study periods, maintaining meticulous records of student progress and work.

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

September 2021 – September 2022

#### *WS Student Assistant*

- Worked in Undergraduate Admissions.
- Organized and managed data using Excel.
- Input and maintained student information, including AP, TSI, ACT, and SAT scores, ensuring accurate and up-to-date records.
- Reviewed and resolved discrepancies in student data, enhancing data quality and integrity.

## SELECT SOFTWARE PROJECTS

### Song Searcher | EJS, SQL, JavaScript, HTML, CSS

December 2023 – March 2024

- Developed a dynamic webpage using Bootstrap to showcase Sade's discography, featuring an interactive interface for exploring albums, viewing song details, and implementing a search feature for finding songs by partial lyrics, while collaborating on backend data integration for 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.