

# Ana M. Garcia

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## EDUCATION

University of Texas-Rio Grande Valley

Expected Graduation: May 2025

Bachelor of Science in Computer Science

GPA: 3.83/4.0

**Relevant Courses:** Data Structures & Algorithm, Java OOP, Software Engineering I, Web Development, Prog in Linux/Unix, Computer Org., and Assembly Language

## SKILLS

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

## RELEVANT EXPERIENCE

Texas Prefreshman 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.
- Inputted 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 - Present

- 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.

Interactive Travel Journal | Android Studio, Java, Firebase, HTML

March 2023 – May 2023

- Created a comprehensive travel planning application using Java and Android Studio, integrating Firebase for data storage and enabling users to create travel logs, plan trips, and research destinations. Features includes a search function, journal entry management (CRUD), and ongoing development to incorporate Google Maps API for location tracking and a favorites section for simplified trip planning.

## HONORS & AWARDS

President's List

- Fall 2023

Dean's List

- Fall 2021 – Spring 2023

UTRGV Scholars Program – Distinguished Scholarship

- Fall 2021 - Spring 2025
- A merit-based award for out-of-state students, based on academic achievement, including high school course rigor, class rank, and college entrance exam scores. \$8000 annual award.