

JAVIER ARIAS

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EDUCATION

University of The Rio Grande Valley
Bachelor's, Computer Science

August 2022 - July 2026
GPA: 3.72

PROFESSIONAL EXPERIENCE

University of the Rio Grande Valley
Web Developer (Student Assistant)

Edinburg, TX, USA
May 2024 - Present

- Working with the Department of Writing & Language Studies and The Office For Bilingual Integration at UTRGV, in the project CoBiVa (Corpus Bilingüe del Valle).
- Maintained and updated the university research website, ensuring consistent visual design, accessibility, and user experience.
- Utilized Cascading Style Sheets (CSS) and content management tools to modify layouts, images, and content based on project needs.
- Developed interactive data visualizations using Shiny (R/Python), supporting linguistic research by presenting large datasets in a user-friendly format.
- Collaborated directly with research teams to understand data requirements and deliver dynamic web solutions.
- Participated in website accessibility and optimization efforts following institutional standards.

PROJECTS & OUTSIDE EXPERIENCE

Text Adventure: CyberPunk (Python) — Programmer (Class Project)
Software Developer

Edinburg, TX, USA
June 2024 - July 2024

- Designed and coded a text-based adventure game with branching story paths.
- Utilized modular programming to handle player input, game state, and logic flow.
- Practiced debugging and clean coding principles for interactive gameplay.
- [*Link to project*](#)

Scientific Calculator (C++) — (Class Project)
Software Developer

Brownsville, TX, USA
January 2023 - February 2023

- Developed a command-line calculator supporting arithmetic and scientific operations.
- Strengthened understanding of functions, loops, and error handling in C++.
- Applied computational logic to solve real-world math problems.
- [*Link to project*](#)

Course Tracker Application (C#) — Software Developer (Class Project)
Software Developer

Edinburg, TX, USA
January 2025 - May 2025

- Built a desktop application to help students track courses, grades, and degree progress.
- Applied object-oriented programming concepts in C# for scalability and maintainability.
- Implemented file handling for data persistence and user progress storage.
- [*Link to project*](#)

SKILLS

Skills: Git, Python, Java, HTML/CSS, C/C++, JavaScript, Data Visualization., SQL, problem-solving, innovative thinking, frontend, Troubleshooting, Data Structures & Algorithms, SCRUM, Linux/Unix, Dart, Saas, backend, team player, communication skills, decision making, attention to detail, excel

Languages: Spanish, English