

# JAVIER ARIAS

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## EDUCATION

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

**August 2022 - July 2026**  
*GPA: 3.72*

## PROFESSIONAL EXPERIENCE

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**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

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**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

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**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