ERIC ZAMORA

Computer Engineer

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EXPERIENCE

The University of Texas Rio Grande Valley
Program Specialist | College of Sciences Dean's Office

📅 Jan 2023 – Present   📍 Edinburg, TX

- Spearheaded the redevelopment and maintenance of the college, program, and center websites, employing advanced web development techniques to enhance user experience and accessibility.
- Designed and implemented a comprehensive database system from scratch, streamlining data management processes and improving the efficiency of information retrieval.
- Utilized digital design software to create certificates, awards, and promotional materials, ensuring brand consistency and alignment with marketing strategies while coordinating closely with the marketing office.

The University of Texas Rio Grande Valley
Student Academic Assistant | College of Sciences Dean's Office

📅 Jul 2022 – Dec 2022   📍 Edinburg, TX

- Efficiently aid faculty and staff with admin tasks, manage records, and provide vital student support.
- Offer tech support, serve as a help desk resource, and facilitate software/hardware training for staff and students.
- Adapt to diverse assignments, maintain confidentiality, and actively contribute to special projects, demonstrating adaptability and dedication.

The University of Texas Rio Grande Valley
Student Web Developer | Center for Excellence in STEM Education

📅 Jun 2021 – Sep 2021   📍 Edinburg, TX

- Skillfully assist faculty and staff with administrative tasks, oversee record management, and deliver essential student assistance.
- Provide technical support, act as a knowledgeable help desk resource, and conduct software/hardware training sessions for staff and students.
- Stay updated on web design, establish submission processes, and communicate through regular meetings with supervisors.

EDUCATION

Bachelor of Science in Computer Engineering
The University of Texas Rio Grande Valley

📅 Aug 2019 – May 2024

Relevant Courses

`Algorithms & Data Structures`
`Electronics` `Systems Programming`
`Web Development` `Operating Systems`
`Embedded Systems` `Database Design`
`Computer Networks` `UI/UX Design`
`Software Engineering`

SKILLS

`Python` `HTML/CSS/JS` `React`
`C/C#/C++` `Dart/Flutter` `Git/Github`
`Figma` `Jira/Atlassian Suite`

`Communication` `Management`
`Teamwork` `Critical Thinking`
`Adaptability` `Problem-Solving`

LANGUAGES

English   ●●●●●

Spanish   ●●●●●

LEADERSHIP INITIATIVES

Club Racquetball at UTRGV | President
As the President of Club Racquetball at UTRGV, I established and led the first-ever Racquetball club, achieving a remarkable milestone of recruiting over 20+ enthusiastic members. Through strategic planning and execution, my team and I orchestrated successful fundraisers, engaging tournaments, and weekly practice sessions, fostering skill development and camaraderie among our members.

Major League Hacking Hackathon Research at UTRGV
I successfully collaborated with peers to tackle complex Computer Science challenges spanning AI, swarm robotics, combinatorics, number theory, and data visualization, leveraging my problem-solving and interdisciplinary skills. In addition, I demonstrated strong leadership by delegating subtasks within the team and proactively sought guidance from esteemed Computer Science professors, contributing to the planning and execution of an event that resulted in the successful submission of 15+ research papers.