Ricardo Balderas

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SUMMARY

Computer Science graduate with hands-on experience in software development, data analysis, UX/UI design, and network systems.

EDUCATION

Bachelor of Science: Computer Science - 3.03 GPA   05/2025
The University of Texas Rio Grande Valley, Edinburg, TX

PROJECTS

- **Network Attached Storage** - I built a secure home NAS using a Raspberry Pi 4, a 1TB drive, and OpenMediaVault, enabling seamless file sharing across devices. The project showcased my skills in computer networks, Linux, and system setup.
- **Local AI Home Assistant (Senior Project)**- With the help of my team, we developed a local AI voice assistant on a Raspberry Pi that controls smart devices and displays real-time info—without relying on cloud services. It highlights my skills in Python, embedded systems, and privacy-focused AI integration.
- **UX/UI Amazon Project** - Collaboratively redesigned the Amazon mobile app to improve its UX/UI flow, making navigation cleaner and more intuitive. It demonstrates my eye for design, user-centered thinking, and ability to enhance real-world interfaces.
- **Data Science Track & Field** - For my data science project, we analyzed high school track meet data to identify which events athletes should focus on to maximize team points. The project highlights my skills in data analysis, storytelling with data, and applying algorithms to data sets.

SKILLS

- Data Analysis & Visualization (Excel, R, Python)
- Technical support & Troubleshooting (Hardware, Software, Networking)
- Programming: C++, Python, R
- Software Development & Testing (Agile, Version Control with Git)

CERTIFICATIONS

- Completed *ABET accredited course*: Data Structures & Algorithms

EXPERIENCE

- **PSJA Escalante Middle School**: Provided technical support and troubleshooting for campus computers, printers, and network systems, ensuring minimal downtime and smooth operation of classroom technology.
- **South Texas College:** Provided one-on-one technical support to an English department professor, assisting with Microsoft Teams, Google Classroom, device connectivity, and file sharing to enhance efficiency and comfort with digital tools.