

# Jose Martin Ramos Jr.

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## EDUCATION

### University of Texas-Rio Grande Valley

Edinburg, TX

*B.S. in Computer Science, Minor in Business Analytics*

*Expected May 2027*

- GPA: 4.00/4.00 — President's List (4 semesters)
- Relevant Coursework: Algorithms and Data Structures, Object Oriented Programming, Unix/Linux Programming, Discrete Math, Probability and Statistics

## TECHNICAL SKILLS

**Languages:** Python, JavaScript, C++, SQL, HTML, CSS

**Frameworks & Libraries:** React, Node.js, Express.js, TailwindCSS, Streamlit

**Tools & Platforms:** Git, GitHub, Vercel, Supabase, PostgreSQL, VSCode

**Concepts:** REST APIs, Object-Oriented Programming, Agile Development

## PROJECTS

### VibeGen AI Playlist Generator | *Python, OpenAI API, Spotify API, Streamlit*

2025

- Built backend logic to generate personalized playlists using OpenAI and Spotify APIs, deployed via Streamlit.
- Applied Object-Oriented Programming to modularize API integration, enabling clean and maintainable code.

### Momentum (Deployed) | *React, Vite, Supabase, Tailwind CSS*

2025

- Built a full-stack goals tracker with real-time updates and Supabase-powered authentication and data storage.
- Designed a minimalist, responsive UI using Tailwind CSS and deployed the app on Vercel.
- Implemented intuitive CRUD operations to help users manage and prioritize tasks with focus.

### Junto (In Development) | *React, Vite, Tailwind CSS*

2025

- Designing a social planning app to help groups coordinate availability and finalize events.
- Developing a clean, responsive interface using Tailwind CSS and React and maintaining version control using Git.
- Planning Supabase integration for real-time database and authentication features.

## LEADERSHIP & ACTIVITIES

### President – Data Structures and Algorithms Architects (DSAA)

Spring 2025 – Present

*University of Texas-Rio Grande Valley*

*Edinburg, TX*

- Led weekly coding sessions and interview prep for CS students; emphasized collaborative learning.
- Organized peer-to-peer events to reinforce algorithmic thinking and career readiness.

### Participant – Frontera Hacks (24-Hour Hackathon)

Aug 2024

*Frontera Devs*

*Edinburg, TX*

- Built “Moneta,” an AI-based financial planning chatbot using Django and Google Gemini AI.
- Focused on conversational UX; delivered MVP with agile task distribution.

## WORK EXPERIENCE

### Sales Associate – Tool Rental Department

Jun 2025 – Present

*The Home Depot*

*Edinburg, TX*

- Assisted customers with tool rentals and provided safety and usage instructions.
- Managed inventory and maintained tool availability in a high-demand environment.

### Student Operations Assistant

Aug 2024 – Present

*UTRGV – Operations & AV Support*

*Edinburg, TX*

- Supported university events by maintaining A/V equipment and resolving real-time tech issues.
- Coordinated with teammates to ensure event spaces were prepared accurately and on time for university functions.