

# Yuliana Denisse Jasso

Lower RGV Area | yulianadenissejasso@gmail.com | [LinkedIn.com/in/yulianajasso](https://www.linkedin.com/in/yulianajasso) | [GitHub.com/yuli](https://github.com/yuli) | [YJasso.tech](https://yulianajasso.tech)

## EDUCATION

### University of Texas at Austin (UTAustin - Remote)

**Expected Graduation: December 2026**

Masters of Science in Computer Science, specializing in Artificial Intelligence

### University of Texas Rio Grande Valley (UTRGV)

Bachelors of Science in Computer Science, Minor in Business Administration

## SKILLS

**Languages** C++ · Python · JavaScript · SQL · C# · Swift · Java

**Software** Jira · Git · GoogleCollab · JupyterNotebook · VSCode · XCode · AzureVM · Docker

**Libraries** NumPy · Pytorch · Pandas · JupyterNotebook · BeautifulSoup · RubyOnRails · React.js · Next.js

## EXPERIENCE

### Software Engineering Resident

**Nov 2024 – April 2025**

Headstarter

Remote, TX

- Built machine learning, ai-engineering and full-stack projects in fast-paced software team environments
- Received one-to-one mentorship by industry advisors

### Medtronic InternSHPE Interview Reviewer (Contractor)

**Aug 2024 - Oct 2024**

Society of Hispanic Professional Engineers (SHPE)

Remote, TX

- Evaluated and scored one-way interviews, providing timely and constructive feedback in the selection process
- Enhanced the hiring process by meeting deadlines, completing training, and offering follow-up insights

### TexPREP Program Mentor

**June 2023/4 - July 2023/4**

University of Texas Rio Grande Valley

Edinburg, TX

- Mentored 15 students over 6 weeks, improving grades and successful completion of STEM projects
- Reviewed and graded assignments, providing constructive feedback to foster continuous learning

### Computer Science II Peer-Led Team Learning Leader

**Aug 2023 - Dec 2023**

University of Texas Rio Grande Valley

Edinburg, TX

- Led two Team Learning sessions for an intermediate C++ course
- Collaborated with course instructor to develop and deliver comprehensive lessons on algorithms and data structures
- Enhanced students' understanding and application of computer science concepts

### Technology Operations Intern

**Mar 2022 - May 2023**

Idea Public Schools

Edinburg, TX

- Provided comprehensive technical support for hardware, peripherals, and network connections
- Contributed to a major mobility change project, transitioning over 3,000 staff to a new cellular service

## AI PROJECTS

### AI Autotab Chrome Extension | (~40 hours) - [GitHub Link](#)

**March 2025**

- Created an AI Autotab chrome extension that autocompletes phrases and sentences, improving productivity

### AI Code Editor | (~40 hours) - Published App - [GitHub Link](#)

**Feb 2025**

- Integrated an AI tutor that improves user productivity and promotes in-platform learning in code editor app, Judge00
- Integrated key features, such as OpenRouter API key input, line explanations, and automatic changes from AI tutor to IDE

### AI Search Engine (~40 hours) - Published App - [GitHub Link](#)

**Dec 2024**

- Created a tool that scrapes web content and provides AI-generated answers with reliable source citations
- Implemented Groq LLM, web scraping with Cheerio and Puppeteer, and optimized performance with rate limiting

### We R Cooked | Team Project (~36 hours) - Published App - [GitHub Link](#)

**Nov 2024 – Dev 2024**

- Implemented a creative simulation of Don Pollo incoming calls using ElevenLabs AI conversation widget integration
- Integrated a Google T-rex replica game into application
- Won Memenome Best Don Pollo Integration Hack, winning grand prize of 1k at jia.seed brainrot hackathon(1k+ participants)

### Bin Fiesta | Team Project (~24 hours) - Published App - [GitHub Link](#)

**Oct 2024**

- Integrated a state-of-the-art chatbot powered by Google Gemini AI, enhancing user interaction with recyclable information
- Won 1<sup>st</sup> place in Sustainability at Frontera Hacks, a 24-hour hackathon hosted by Frontera Devs (100+ participants)

### Healthcare AI RAG Tutoring System | Team Project (~24 hours) - [GitHub Link](#)

**Nov 2023**

- Leveraged technologies such as GPT-4, embeddings, vector search, and RAG, enhancing the role of AI in healthcare
- Won 1st place in AI Healthcare at Hack Research 2023 (100+ participants)

## Activities

Computer Science Mentor – Provided one-to-one swe mentorship support at local university

**Nov 2024**

Technical Keynote – Presented, [pdf](#), to CS faculty on embeddings, vector databases, and RAG during Hack Research 2023

**Nov 2023**