Yuliana Jasso

956-929-7577 | yulianadenissejasso@utexas.edu | linkedin.com/in/yulianajasso | github.com/yuli | Portfolio

EDUCATION

The University of Texas at Austin — Remote, TX
Bachelor of Science in Computer Science, Specializing in Artificial Intelligence — *Aug. 2024 – Present*

The University of Texas Rio Grande Valley — Edinburg, TX
Bachelor of Science in Computer Science, Minor in Business Administration — *Aug. 2016 – May 2024*

EXPERIENCE

Software Engineering Resident — Nov 2024 – April 2025
Headstarter — *Remote, TX*

- Developed and deployed machine learning solutions and full-stack web applications using React, Next.js, and Gradio, delivering new features on a weekly schedule to support rapid product iterations.
- Received one-to-one mentorship from industry advisors, sharpening technical skills and gaining insights into best practices for scalable software architecture.

Technology Operations Intern — March 2022 – May 2023
Idea Public Schools — *Weslaco, TX*

- Provided comprehensive technical support for hardware, peripherals, and network connections
- Maintained upkeep of computers, classroom equipment, and printers across headquarters
- Contributed to a major mobility change project, transitioning over 3,000 staff to a new cellular service, saving the company millions of dollars/year

PROJECTS

We R Cooked | *React, Next.JS, ElevenLabs Conversational AI* — Nov 2024

- Implemented a creative simulation of Don Pollo incoming calls using ElevenLabs Conversational AI 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 | *Google Gemini AI, Javascript* — Oct 2024

- Integrated a state-of-the-art chatbot powered by Google Gemini AI into our recycling app, Bin Fiesta, enhancing user interaction with recyclable information
- Led a team of 3 to win 1st place in Sustainability at Frontera Hacks, a 24-hour hackathon hosted by Frontera Devs (200+ participants)

Healthcare AI RAG Tutoring System | *Python, Jupyter Notebook* — Nov 2023

- Leveraged technologies such as GPT-4, embeddings, vector search, and RAG
- Built and maintained a Python scraper that systematically retrieved and structured text from medical textbooks page by page, delivering a clean dataset ready to embed
- Won 1st place in AI Healthcare at Hack Research 2023 (200+ participants)
- Project motivation was enhancing the role of AI in healthcare

TECHNICAL SKILLS

Languages: C++, Python, SQL, JavaScript, HTML/CSS
Frameworks: React, Chakra-UI, FastAPI
Developer Tools: Git, VS Code, Google Collab, Gradio Jupyter Notebook, Jira, XCode
Libraries: Pytorch, pandas, NumPy

LEADERSHIP AND TECHNICAL KEYNOTE

Software Engineering Mentor, provided one-to-one mentorship support at local university
CS II PLTL, enhanced students' understanding of algorithms and data structures by collaborating with instructor
TexPREP Mentor, mentored 15 students over 6 weeks, improving grades and successful completion of STEM projects