

[JairCodes](#)[Jair Ramirez](#)[Portfolio](#)

# Jair Ramirez

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## Education

### Bachelor of Science in Computer Science

May 2025

Texas State University - San Marcos, Texas

**Minor:** Mathematics

Relevant Coursework - **Data Structures & Algorithms** ○ **Object Oriented**

**Programming** ○ Compiler Construction ○ **Computer Architecture** ○ Assembly Language

## Experience

### Software Engineer - AI Consultant

April 2024 - Present

Outlier AI

- Accomplished **alignment of AI model outputs** with user expectations by evaluating results based on specific user criteria.
- Enhanced **AI model performance** by developing ideal responses that served as benchmarks for training data, aligning model behavior with user prompts.
- Accomplished **swift resolution of technical issues** by effectively addressing complex AI model behavior challenges.
- Improved **development efficiency** by swiftly troubleshooting and resolving AI model issues.

## Projects

**NimbusNX** | Personal Project |

- **Python-based AI assistant** that uses **voice commands** for tasks like web searches, **computations**, and note-taking. It integrates WolframAlpha and Wikipedia for **quick data** retrieval and personalizes interactions by remembering user names, providing a tailored, hands-free experience.

**Personal Portfolio** | Personal Project | [jairramirez.tech](http://jairramirez.tech)

- Created a personal portfolio website using **HTML**, **CSS**, and **JavaScript** to showcase projects and skills.

**Bookstore Management** | School Project |

- Designed a **Java OOP-based application** to manage bookstore inventory and sales. Demonstrating **team collaboration** and effective use of **classes** and **methods**.

## Technical Skills

**Programming Languages** - ○ Java ○ C++ ○ C ○ Python ○ JavaScript ○ CSS ○ HTML

○ Linux ○ Verilog ○ MIPS32

**Software** - ○ VisualStudio Code ○ GitKraken ○ BitBucket ○ GitHub ○ Wireshark

○ Microsoft Office (Excel, Word, PowerPoint, Outlook) ○ Overleaf

**Technical Troubleshooting** - Proficient in **diagnosing** and **resolving hardware** and **software issues**

**Debugging** - Adept in navigating through lines of code to **pinpoint errors** that need fixing to ensure the program runs smoothly

## Summary Of Qualifications

- **Deadline-driven** with a strong ability to manage multiple projects efficiently
- **Highly adaptable**, quickly learning new technologies and methodologies
- **Collaborative problem-solver** with experience working in **team environments** to achieve common goals
- **Strong foundation** in both frontend and backend development, with a focus on **AI** and **machine learning applications**