Sulayman Vidaurri

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EDUCATION

The University of Texas at Dallas — Dallas, TX
Bachelor of Science in Computer Science — *Expected May 2029*

Westwood High School — Round Rock, TX
High School Diploma, Computer Science — *May 2025 | GPA: 3.86/4.0 (4.83/5.0 Weighted)*

TECHNICAL SKILLS

Languages: Java, C#, C++, HTML/CSS, Python, Swift
Frameworks & Libraries: SwiftUI, Flutter, .NET, Tailwind CSS, Node.js, PyTorch, scikit-learn
Tools & Platforms: Firebase, Railway, NVIDIA Sionna, Alpaca API, Google Gemini API
Certifications: Java Language Certification, C# Language Certification, NVIDIA 6G Developer Program

PROJECTS

Cluvo – Campus Club Events iOS App | *Swift, SwiftUI, Firebase* — *July 2026 - Present*

- Building a pre-release iOS app in SwiftUI for iOS 17+ that gives college students one shared calendar of the campus clubs they follow, while club officers post and manage their club's events.
- Built separate student and club officer accounts on Firebase Authentication, with Cloud Firestore security rules that scope data to each user's school and keep student profiles and follows private.
- Added per event local reminders, offline access to recently loaded data, and in app account deletion through a server-side Firebase Cloud Function.
- Built a Discover screen that ranks club suggestions on-device from each student's major and interests, so recommendations need no third-party service.

NVIDIA 6G Program – Link Budget Simulator | *Python, NVIDIA Sionna, scikit-learn, PyTorch* — *May 2026 - August 2026*

- Built a simulation pipeline for wireless link connectivity using NVIDIA Sionna, modeling SNR, bit error rate, and throughput across 500 signal connections as part of the NVIDIA 6G Developer program.
- Trained a random forest regression model to predict link throughput from signal conditions, achieving an RMSE of 2.28 Mbps across a 0-200 Mbps range.
- Identified SNR as the dominant predictive feature with an importance of 93%, being consistent with theory around wireless communications for AI native 6G RAN systems.

Clover – Real Time Stock Trading Assistant | *Python, Google Gemini, Alpaca API* — *March 2026 - Present*

- Built an autonomous multi-API program using Alpaca for real-time market data, Google Gemini for data analysis and decision making, and Discord Webhooks for real-time updates with no manual intervention.
- Deployed the program using Railway as its backend, allowing it to check stock data on a 15-minute polling interval and send reports on buys/sells and current standings.
- Implemented dynamic stock position sizing by sending real time ticker data to Google Gemini and parsing its confidence scores and reasoning to determine buy/sell quantities per ticker.

EXPERIENCE

Handshake AI — Remote
AI Training Contractor — *September 2026 - Present*

- Evaluated charts, graphs, and dashboards for usability, screening out low-quality, unverifiable, or non-chart images before annotation.
- Designed prompts to expose failures in a multimodal AI model, then revised them based on model responses and judge feedback.