

Andrei Johan Carpena

(832) 404-4068 | [Gmail](#) | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

EDUCATION

The University of Texas at Dallas

B.S. in Computer Information Systems & Technology

Richardson, Texas

2024 - 2028

EXPERIENCE

Velocity Sim Racing Lounge

Houston, Texas

Software and Data Engineering Intern

June 2025 - September 2025

- Helped develop and gather requirements for membership booking systems.
- Assisted in system integrations with Stripe and Microsoft Azure Web and database systems.
- Aligned technical system performance with business growth goals and long-term client retention by preparing management and technical updates.

HEB

Tomball, Texas

Curbside Associate // Curbie

October 2023 - July 2024

- Served as the primary contact for 70+ clients per shift, coordinating order management and support to manage end-to-end relation satisfaction.
- Optimized fulfillment workflows and leveraged internal database systems and Excel macros to reduce customer wait times and improve local service ratings.

Aji Robata and Ramen

Tomball, Texas

Waiter

June 2022 - December 2022

- Cultivated guest relationships through personalized service to drive high retention and brand loyalty.
- Trained 1 new staff member on service protocols to maintain consistency during peak business hours.

Projects

JARVIS - Personal AI Assistant

Houston, Texas

Project // WSL, Ubuntu, Claude API, Python, Git

November 2025 - Present

- Built booking dashboard interface enabling clearer visualization of member data.
- Analyzed requirements to align data models with reporting and BI best practices.
- Collaborated with cross-functional teams to align technical solutions with business objectives.
- Sharpened skills in web development, requirements gathering, and process optimization.

Project Apollo

Spring, Texas

Project // SQL, Raspberry Pi, Python, Slack

May 2023 - June 2023

- Built IoT pipeline using Raspberry Pi 4, AM2302, and Python for 30-minutes environment tracking.
- Integrated Slack API and webhooks for automated alerts, dashboards, and cross-platform access.
- Automated data preprocessing for time-series analysis to identify temperature-humidity trends.
- Enhanced data reliability, and reporting accuracy for better insights and visualization quality

Leadership

Pi Kappa Phi Fraternity

University of Texas at Dallas

Philanthropy Chair

January 2025 - Present

- Led Bike-a-Thon fundraiser, raising \$7,000 for The Ability Experience through strategic prospecting.
- Managed logistics, outreach, and sponsor engagement to support fundraising.
- Increased organization exposure by 40% through targeted community and university outreach.

Acing Autism

University of Texas at Dallas

Philanthropy Coordinator

August 2024 - Present

- Coach kids and adults with disabilities every Saturday through pickleball and tennis drills.
- Dedicate 4+ hours weekly to supporting families and building a positive local community presence.

SKILLS

Business: Relationship Management, Prospecting, Outreach, High-Volume Customer Service

Technical: Python, SQL, Java, C++, Databricks, Azure Cloud || **Languages:** English (Native), Tagalog (Fluent)