

Jesus Lopez

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EDUCATION

University of Florida, Gainesville, FL

Bachelor of Science in Computer Science, Minor in Digital Arts and Sciences

August – May 2026

GPA: 3.51/4.00

WORK EXPERIENCE

Amazon, Business Analyst Intern

May 2025 – August 2025

Seattle, WA

- Designed and launched a Buy Shipping Contacts dashboard to track 10k+ monthly tickets, improving visibility into SLA performance and enabling data-driven decisions that reduced ticket resolution time by ~15%
- Enhanced DEX Dashboard by adding sizing tier metrics, eliminating 3-4 monthly ad-hoc bi request and enabling instant package size analysis to support OP1/OP2 planning, reduce manual work, and influence over 100M potential revenue
- Built and automated a daily migration report using an ETL process for 100% of sellers transitioning from price band to weight band shipping templates, reducing manual reporting time by ~5 hours/week and enabling faster adoption tracking

Delta Air Lines, Business Analyst Co-op

January 2024 – December 2024

Atlanta, GA

- Designed and implement a Power BI dashboard consolidating operational, safety, and performance metrics, improving data accessibility for 5+ regions and reducing report navigation time by 30%
- Redesign and optimized existing Alteryx workflows, splitting large data processes into modular tables, resulting in 40% faster runtime and reducing debugging time by 50%
- Fixed and optimized an Executive Summary using Alteryx, SAS, and SQL scripting, automating the delivery of daily business performance reports to stakeholders
- Developed a dynamic Power BI dashboard for real-time visualization of Daily Performance Reports, providing stakeholders with instant insights

LEADERSHIP

Data Analyst Director, Society of Hispanic Professional Engineers

August 2025 – Present

University of Florida

- Built a Central Database System integrating Google Forms and Excel pipelines to automate data collection and aggregation across all SHPE UF events
- Standardized survey schemas and templates for major and minor events, enabling consistent analytics on member engagement, outreach impact, and attendance trends

Design Team Director, Society of Hispanic Professional Engineers

June 2023 – January 2024

University of Florida

- Leading the Swift Design Team of 10 people in the conversion of shpeuf.com web designs to iOS applications using the SwiftUI framework and integrating them with MongoDB
- Developed a secure login/register page and a dynamic dashboard to highlight the latest announcements and upcoming events for the SHPE UF community, enhanced with a feature to display user SHPEitos points

PROJECTS

Moves | ReactJS, CSS, Django REST, MySQL

May 2025

- Built a swipe-based frontend interface in ReactJS and CSS, enabling users to quickly discover nearby places based on mood or activity
- Collaborated with a 4 people team to integrate the frontend with Django REST APIs and MySQL, ensuring smooth real-time updates for location recommendations
- Designed an interactive on-boarding flow, mood selection screen, and dynamic recommendation cards, enhancing user engagement and improving navigation efficiency

TECHNICAL SKILLS

Programming Languages: SQL, Python, C++, SAS, Swift, MATLAB, JavaScript

Web Development: React, Flask, Django, Spotify API

Data Analysis: QuickSight, ETL Process, Microsoft Power BI, Tableau, Alteryx, Power Automate