

# 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