

Raymond Manento

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EDUCATION

University of North Florida <i>M.S. in Computer and Information Sciences, Data Science Concentration</i>	Aug 2026 - May 2028 Jacksonville, FL
Andrews University <i>B.S. in Computer Science</i>	May 2025 Berrien Springs, MI

EXPERIENCE

Graduate Research Assistant <i>University of North Florida, Transportation Research Laboratory</i>	Aug 2026 – Present Jacksonville, FL
- Conduct UNF's independent evaluation of a real-time traffic detection pilot around EverBank Stadium, reporting findings to the Florida Department of Transportation (FDOT). - Train and run computer vision models in Python on recorded and live traffic camera footage; review detection events and video clips to measure accuracy and log false positives.	
Data Analyst Extern <i>Breaking Games (via Extern)</i>	Aug 2026 – Present Remote
Building a SQLite analytics database from six e-commerce exports (Shopify, Meta Ads, Google Analytics) for an indie tabletop game publisher to connect \$37K of ad spend to revenue and inform Q4 inventory and marketing decisions.	
Product Analyst (Contract) <i>Radian Limited</i>	Jan 2024 – Sep 2026 Dar es Salaam, Tanzania (Remote)
- Defined features, UX flows, and functional specifications with engineers and designers for healthcare, agriculture, and internal tooling products. - Authored technical documentation, API usage notes, and release notes to align cross-functional teams and speed developer onboarding.	
IT Services Technician <i>Andrews University</i>	Aug 2023 – May 2025 Berrien Springs, MI
Administered 2,500+ user accounts in Active Directory, managing authentication policies and group permissions for secure campus-wide network access.	
Web Developer <i>Andrews University Development Office</i>	Dec 2023 – Apr 2024 Berrien Springs, MI
- Built the Andrews University 150th anniversary landing page (HTML, CSS, JavaScript), contributing to \$25,000+ in donor engagement. - Analyzed site traffic in Google Analytics to find UX bottlenecks and shipped data-informed improvements that increased visitor retention.	

PROJECTS

S&P 500 Index Composition and Concentration Analysis <i>(Python, Pandas, Matplotlib, Seaborn, Jupyter)</i>	github.com/manentojr/sp500-analysis
- Scraped and cleaned S&P 500 constituent data (Wikipedia, yfinance); analyzed sector weight vs. company count and 10-year sector ETF returns. - Measured concentration with the Herfindahl-Hirschman Index (HHI): top 10 holdings hold about 40% of index weight and the HHI runs about 10x the equal-weight baseline.	

LEADERSHIP

Finance Board Senator, Andrews University Student Association	Sep 2024 – May 2025
Oversaw allocation of \$100,000+ in student organization funding, reviewing proposals and applying data-driven analysis to budget decisions.	
Treasurer, African Student Association (Andrews University)	May 2024 – May 2025
Managed the organization budget, tracked expenditures, and produced financial summaries for executive leadership.	

SKILLS

Programming: Python (Pandas, NumPy, scikit-learn, Matplotlib, Seaborn), SQL, JavaScript, HTML, CSS
Data and Analytics: Data Cleaning, Exploratory Data Analysis (EDA), Statistical Analysis, Data Visualization, Computer Vision, Power BI, Tableau, Microsoft Excel
Tools: Git, GitHub, Active Directory, Google Analytics, Notion, Figma, Claude, Cursor, Prompt Engineering