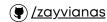
ZAYVIANA SINGLETARY

(813) 777-2209

Tampa, FL



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EDUCATION

University of South Florida

GPA: 3.71

Master of Science in Artificial Intelligence (AI) and Business Analytics (M. Sc. AIBA)

May 2025

Relevant Coursework: AWS Cloud Solution Architectures, Data Visualization, Advanced Database Management, Advanced Systems Analysis & Design, Machine Learning, Information Systems Management, Application Development for Developers, Data Warehousing, Big Data, Project Management and Statistical Data Mining

University of South Florida

GPA: 3.49

Bachelor of Science in Information Science Technology (B. Sc. IST)

December 2020

Relevant Coursework: Object Orient Programming, Introduction to Data Science, Web Design Technologies

SKILLS

Programming: Python**, R*, JavaScript**, Java*, C++*

Full-Stack Technologies: HTML, CSS, React.js, Node.js, Django, Flask, APIs, Data Integration

Data & Database Technologies: MySQL, SQLite, SQL Developer, ETL Pipelines, Cloud Platforms (AWS, Azure), Snowflake

Software Tools: Tableau, Power BI, Git, Microsoft 365 Suite, Snowflake, Jira, Slack

Machine Learning: Neural Networks, Decision Trees, SVM, NLP, Reinforcement Learning, Scikit-learn, Pandas, NumPy

Core Competencies: Effective Communication, Leadership, Problem-Solving, Attention to Detail, Adaptability, CI/CD, Agile Mindset

Key: Knowledgable* Intermediate**

PROJECT EXPERIENCE

Income Classification: SparkML-Powered Census Model

May 2025

- Led a team of 3 to develop an income classification model using Apache Spark and SparkML on U.S. Census data.
- Built and optimized a scalable pipeline for data cleaning, feature engineering, and model evaluation across 32K+ records.
- Achieved 85% accuracy using Logistic Regression, Random Forest, and Gradient Boosting models.

Predictive Insights Engine: Machine Learning for Real-World Applications

August 2024

- Created predictive models to solve diverse challenges, including damage estimation for airplane incidents and price forecasting for Airbnb listings.
- Airplane Damage Estimator: Achieved 86% accuracy by analyzing incident data with factors like impact type, object size, and weather conditions.
- Airbnb Pricing Predictor: Attained 93% accuracy for price predictions using features such as square footage, amenities, and location.

COVID Economic Narrative: Tableau GDP Dashboard

June 2024

- Visualized global GDP trends before, during, and after COVID-19, illustrating the pandemic's impact on economic indicators.
- Developed interactive dashboards ensuring 97% of key insights were effectively communicated to stakeholders.

EXPERIENCE

Kelly Service I Miter Brands

Tampa, Florida

System Integration Administrator| Resident Educator

August 2022 - Present

- Designed and maintained SharePoint sites, improving team collaboration for over 100 users and reducing task completion time by 21%. Created Tableau dashboards to visualize key metrics, increasing operational efficiency by 30%.
- Trained 50+ employees on new features, boosting adoption by 25%, and delivered bi-weekly presentations to stakeholders.

Value Tech Data Analyst Intern

Tampa, Florida November 2023 - January 2024

- Managed multi-million-dollar HUD housing projects, conducting property assessments, on-site evaluations, and data collection, ensuring 100% compliance with federal guidelines and project requirements.
- Utilized diverse datasets to perform in-depth market research and area analysis.
- Streamlined workflows for market research and area analysis, reducing delivery time for HUD analysis booklets by 20% and improving data clarity for stakeholders through dynamic Tableau dashboards and Excel-integrated reports.

Dev 10 Software Development Intern

Tampa, Florida

March 2023 - July 2023 Collaborated on full-stack development projects using Java, Spring Boot, and JavaScript, enhancing application functionality.

- Designed scalable components, improving system performance by 18%.
- Built a fully functioning web application as part of a team, showcasing advanced technical and collaborative skills.

Investcloud

Tampa, Florida Novemeber 2020 - July 2021

Rotational Analyst Intern

- Conducted UAT and regression testing for financial applications, reducing defects by 20%. Developed responsive web interfaces and data models, improving user experience and application efficiency.
- Resolved 500+ support tickets with a 93% SLA resolution rate, demonstrating a client-focused approach.