ZAYVIANA SINGLETARY

✈ zayvianaa@gmail.com   📱 (813) 777-2209
📍 Tampa, FL   /zayvianas   in/zayviana
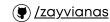
EDUCATION
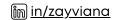
University of South Florida   GPA: 3.81
Master of Science in Artificial Intelligence (AI) and Business Analytics (M. Sc. AIBA)   May 2025
Relevant Coursework: AWS Cloud Solution Architectures, Data Visualization, Advanced Database Management, Advanced Systems Analysis & Design, Machine Learning, Information 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 MANAGEMENT & LEAD 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 | Miter Brands   Tampa, Florida
Project Coordinator   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   Tampa, Florida
Data Analyst Intern   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   Tampa, Florida
Software Development Intern   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
Rotational Analyst Intern   Novemeber 2020 - July 2021
- 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.