





ZAYVIANA SINGLETARY

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 /zayvianas  in/zayviana

EDUCATION

University of South Florida

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

GPA: 3.71

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

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

GPA: 3.49

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)

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: *Knowledgeable** *Intermediate***

PROJECT EXPERIENCE

PlantTracker: SQLite-Powered Inventory Manager

August 2024

- Developed for farmers and plant enthusiasts to manage plant inventories, track holdings, and visualize data trends for better decision-making.
- Improved inventory tracking efficiency by **33%** and reduced manual entry errors by **27%**. Enhanced user experience through a Flask-powered backend and utilized interactive JavaScript charts, enabling dynamic data visualization and seamless inventory management.

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

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

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

November 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.