

Tristan Sewsunker

tcsewsun@go.olemiss.edu • <https://github.com/morning-star-1> • <https://linkedin.com/in/tristan-sewsunker>

Education

University of Mississippi

B.B.A. in Business Analytics & Information Systems. GPA 3.95.

Oxford, MS

Relevant Coursework: Business Analytics Programming and Management Information Systems.

Expected May 2026

National Chengchi University

College of Commerce.

Taipei, Taiwan

Study abroad coursework in Organization Behavior and International Relations.

February 2025 – June 2025

Northwest Mississippi Community College

A.A. in MIS. GPA 3.95.

Senatobia, MS

Phi Theta Kappa. Dedicated 40+ hours to the Sports Conditioning community program.

January 2022 – May 2024

Technical Skills

Programming: Python, JavaScript/TypeScript, Rust, SQL, HTML/CSS.

Frameworks & APIs: FastAPI, Flask, Express, React, Next.js, Streamlit.

Data & Analytics: pandas, NumPy, scikit-learn, Power BI, Jupyter.

Databases: PostgreSQL, SQLite, Oracle.

Systems & Tools: Docker, Git, RabbitMQ, REST APIs, OpenAPI/Swagger.

Technical Projects

BI Executive Sales Dashboard

November – December 2025

Designed and deployed executive dashboards using Python and Power BI to track revenue, order volume, AOV, and conversion rates, supporting visibility into 25% revenue growth and regional performance trends.

Fraud Detection System

November – December 2025

Implemented a machine-learning pipeline using logistic regression for credit card fraud detection with class balancing; evaluated performance using precision-recall metrics (PR-AUC) and deployed inference behind a FastAPI endpoint.

MS Rail Project

August – December 2025

Architected a normalized Oracle SQL database spanning 10+ interrelated tables to model passengers, trips, stations, payments, and fares; built a multi-page JavaScript web interface to compute and visualize operational metrics including delays, ridership, and revenue flows.

MIS320 Labs

August – December 2024

Executed applied analytics labs involving regression, classification, clustering, and association rule mining; assessed models using MAE, MSE, confusion matrices, and support/confidence metrics in scikit-learn.

Leadership

Student Government Association

Senatobia, MS

Senior Class Secretary

August 2021 – May 2022

- Coordinated 5+ school events and fundraisers, improving engagement for 100+ students.
- Led weekly student-staff meetings to improve coordination and streamline event planning workflows, reducing planning delays and improving execution consistency.