TRAM LE

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EDUCATION

Furman University Greenville, SC

Bachelor of Science in Mathematics-Economics | Minor in Data Analytics *May 2028*

- GPA: 3.84/4.00
- Honors and Awards: Dean's List (3/3 semesters), Wylie Mathematics Scholarship, Bell Tower Scholarship

Relevant Coursework: Statistics with R, Algorithms & Data Structures, Linear Algebra, Data Organization, Visualization and Storytelling, Economics of Strategy, Economics of Market Regulation, Data Mining and Microeconomic Analysis (Fall 2026)

DATA & AI INTERNSHIPS

Data Science & AI Research Intern Greenville, SC

Pathwright *Jan 2026 – Present*

- Built an adaptive instructional agent and reproducible research pipeline to personalize student learning pathways, track progress, and analyze model failure modes, reducing manual processing time by 15% through automated workflow implementation.
- Presented process improvement findings and research outcomes to non-technical stakeholders, translating complex technical logic into clear business impact and actionable recommendations for leadership decision-making.

Data Analyst Intern Da Nang, Vietnam

FPT IS Corporation *June 2025 – Aug 2025*

- Collected, cleaned, and validated data across 10+ financial and operational KPIs using Python, SQL, Tableau, and Excel, performing structured EDA to surface performance drivers and reduce executive reporting cycle time by 5%.
- Streamlined data workflows across multi-source datasets to improve data quality and reduce manual processing steps, translating complex quantitative findings into clear recommendations for non-technical stakeholders.

PROJECTS & COMPETITIONS

ASA Duke DataFest | Best Visualization | Python, JavaScript, Tableau, R

- Analyzed 7.6M+ healthcare encounters, integrating multi-table EHR data to uncover care-utilization patterns via visualization.
- Modeled sepsis pathways, identifying a 40.9% reduction in fatality with early detection (10.11% → 5.98%).

EY Data and AI Challenge | *Python, SQL, Pandas, Scikit-learn, Matplotlib, Snowflake, Linear Regression, Random Forest*

- Constructed geospatial ML pipeline in Snowflake integrating 9,319 labeled records and automating preprocessing and inference.
- Built end-to-end machine learning pipelines (feature engineering, model training, cross-validation, hyperparameter tuning) to predict water quality, improving generalization performance by 47% on unseen regions.

Empirical Evaluation of Instructional Safety in Language Models | *Python, OpenAI API, Anthropic API*

- Designed structured benchmarking framework evaluating 3 frontier LLMs (GPT-4.1, Claude Sonnet 4.5, Gemini 2.5 Pro) across adversarial educational scenarios, measuring accuracy, pedagogy quality, and jailbreak robustness.
- Implemented automated scoring using multi-dimensional rubric and LLM-as-judge methodology, achieving 85% inter-rater reliability with human experts and uncovering systematic evaluation blind spot.

Economics AI Consultant Platform | *Python, HTML/CSS, OpenAI API, Flask*

- Deployed full-stack platform integrating real-time financial APIs with GPT-4 reasoning, processing 50+ queries/day for market analysis and macroeconomic forecasting.
- Built an LLM-powered economics AI assistant that answered real-time market questions using retrieved financial data and prompt-engineered reasoning, while applying fact-check guardrails to improve factual accuracy.

Digital Behavior Prediction Model | *R, Statistical Modeling, Linear Regression*

- Led 5-person team developing interpretable regression models predicting daily device usage from behavioral features, translating statistical findings into actionable insights.
- Compared model selection strategies via cross-validation (AIC/BIC, stepwise methods) to optimize predictive performance and interpretability.

TECHNICAL SKILLS

Languages: Python, R, SQL, HTML/CSS

ML & Data Science: Scikit-learn, Pandas, NumPy, Regression, Tree-Based Models, Cross-Validation, Model Evaluation Metrics

Analytics: Exploratory Data Analysis (EDA), Statistical Modeling, Data Transformation, Data Visualization, A/B Testing

Tools: Excels, Tableau, Snowflake, Git/ GitHub, Jupyter Notebook, VS Code, MySQL, RStudio