ROBERT DENNIS

Savannah, GA • (478) 841-1381 • mr.dennis2016@outlook.com • robertthescientist.com

Data Analytics student and ML intern with applied experience in fraud detection and environmental modeling; proficient in Python & R; presented research; startup founder.

EDUCATION

Savannah State University (Savannah, GA) — B.S., Data Analytics | 2024–2026 | GPA: 3.51

- CONCISE Program Research Fellow & Cohort Lead; Treasurer, C-FIVE CS Organization.
- Python Tutor: Data Visualization, Machine Learning, Big Data.
- Dean's List.

Strayer University — A.B.A., Entrepreneurship | 2022–2024 | GPA: 3.91

- President's List; Dean's List; Phi Theta Kappa honor society.
- Volunteer peer mentor.

EXPERIENCE

CONCISE Program — Research Fellow & Cohort Leader | Jan 2025–Present

- Hands-on applied research in ML I/II, Cybersecurity I/II/III, and AI Engineering.
- Presented research at annual conference: Cuckoo Search Algorithm + SVM for fraud detection.
- UNLV announcement (grant extension)

Department of Defense — U.S. Coastal Research Program (USCRP), Machine Learning Research Intern | May–Aug 2026

- Built a regression model predicting well-water salinity rise using meteorological, groundwater, and oceanographic variables; achieved $R^2 = 0.60$ (test set).
- Re-implemented MATLAB workflow in R; automated API data pulls and published a public dashboard.
- USCRP 2024 Funded Projects

Department of Energy — Machine Learning Research Intern | Jan–May 2025

- Applied Gradient Boosting and statistical techniques to hydroelectric turbine malfunction data; reduced model error by 15% vs. baseline and presented to sponsors.

PROJECTS

Rentern LLC — Founder/CEO | 2025–2026

- Marketplace enabling small businesses to post micro-projects for interns to gain experience.
- Led market validation, service optimization, and operational planning.
- Built early team; raised $10,000 in pre-seed funding.

Cuckoo Search + SVM — Fraud Detection | Apr 2026

- Evaluated multiple credit fraud datasets; improved F1 from 0.43 to 0.75 through feature tuning and dataset selection.
- Tools: Python (pandas, scikit-learn), Jupyter; techniques for imbalanced data.

SKILLS

Programming: Python (pandas, scikit-learn, matplotlib), R (tidyverse), MATLAB, SQL
ML/Stats: Regression, Classification (SVM, Gradient Boosting), Model Tuning, Imbalanced Data, Cross-Validation
Data: API ingestion, Data Wrangling, Dashboarding/Visualization
Soft Skills: Mentorship, Cohort Leadership, Team Building, Public Speaking