

(478) 841-1381  
mr.dennis2016@outlook.com  
robertthescientist.com

# Robert Dennis

---

## SKILLS

**Data Analysis:** Python (Pandas, NumPy), R, SQL, Excel, Tableau, Power BI

**Machine Learning Tools:** Scikit-Learn, TensorFlow, Jupyter Notebooks, RStudio, Google Collab

**Data Management:** MySQL, SQLite

**Statistical Techniques:** Regression Analysis, A/B Testing, Time Series Analysis, Factor Analysis, Cluster Analysis

## EXPERIENCE

### Department of Energy, SSU Internship — *Machine learning Intern*

August 2024 - May 2025

- Analyze time series data from previous hydroelectric turbine malfunctions
- Use machine learning tools and statistical techniques to test models with pre-existing data to determine patterns and research the proper machine learning models to reduce the machine learning model's overall margin of error average
- Constructed a random forest model that reduced the margin of error by over 15% and presented to sponsors

### Army - DOD - United States Coastal Research Program(USCRP), SSU Internship — *Machine learning Intern*

May 2025 - August 2025

- Upon joining the machine learning pathway, I was given coastal data and metadata to analyze to discover the best route of analysis with coastal well data
- Within this internship, I was responsible for researching multiple oceanographic factors that would be considered a variable to the changes in data
- I reconstructed matlab script into an R script using an external package to pull from an API to provide an automated data dashboard for public use.

## EDUCATION

### Strayer University — *ABA- Associates in Entrepreneurship*

Jan 2022 - July 2024

President's list

Phi Theta Kappa Honor Society

### Savannah State University — *BSDA- Bachelors in Data Analytics*

August 2024 - Current

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore.