

Somer Merriman

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[GitHub](#) | [Tableau](#) | [Power BI](#) | [LinkedIn](#)

Baltimore-DC Area

Willing to relocate.

Skills

Programming / Version Control: Python, SQL, Git, Visual Studio Code, Jupyter Notebook

Data Engineering: Databricks Lakehouse, Lambda, S3, Redshift, RDBMS platforms, PostgreSQL

Libraries / Frameworks: NumPy, Pandas, scikit-learn, Seaborn, statsmodels, Tensorflow

Machine Learning: Supervised Learning (e.g., Linear Regression, Logistic Regression, Decision Trees, Random Forests); Unsupervised Learning (e.g., Clustering, PCA); Feature Engineering; Predictive Analytics

Data Visualization: Tableau, Power BI, developing KPIs, ArcGIS tools, Seaborn

Image Processing: scikit-image, OpenCV

Work Experience

Data Science Fellow

University of Maryland Global Campus

September 2023 - current

Remote

- Completed 400+ hours of intensive coursework with 1:1 industry expert mentor oversight, covering foundational concepts in statistics, Python, hypothesis testing, visualization techniques, and machine learning algorithms.
- Conducted exploratory data analysis (EDA) on diverse datasets to identify trends, patterns, and correlations, utilizing statistical methods and visualization tools.
- Developed models using supervised and unsupervised machine learning algorithms, such as linear regression, logistic regression, decision trees, random forests, and clustering techniques.
- Evaluated model performance using appropriate metrics and performed hyperparameter tuning to optimize model accuracy, precision, and recall.

Camera IT Specialist

International Cinematographer's Guild Local 600

2020 - 2023

New Orleans, LA & NYC, NY

- **Data Management:** Handled large volumes of data generated by digital cameras, ensuring efficient storage, backup, and transfer processes to prevent data loss and streamline post-production.
- **Networking:** Set up and maintained robust network solutions on set to facilitate real-time data transfer and communication between departments.
- **Technical Support:** Provided immediate technical support for any issues related to camera equipment, data workflows, and network systems, ensuring minimal downtime during shoots.

Deckhand

Various Private Vessels, 35m - 100m

2015 - 2019

Eastern US, Mediterranean, Caribbean

- Completing navigation log duties, using GPS and sonar equipment, completing engine room checks, maintaining yacht exteriors, acting as delivery crew for TransAtlantic passages.

Lab Assistant

University of South Carolina Neuroscience Lab

August 2012 - May 2013

Columbia, SC

- Performed euthanization of peromyscus following humane and approved methods.
- Used a microtome to section brains of euthanized peromyscus, handling delicate tissue samples for further analysis.
- Accurately recorded experimental data, including behavioral observations and physiological measurements, ensuring timely and correct data entry into databases or spreadsheets.
- Attended regular lab meetings to discuss ongoing experiments, share progress reports, and collaborate with team members.

Education

Data Science Bootcamp

University of Maryland - Global Campus

2023 - 2024

Remote

Bachelor's of Science in Psychology

University of South Carolina

GPA: 3.5

Columbia, SC

Fulfilled pre-med course requirements, including biology pre-requisites. Neuroscience Honors Program.

Certifications

Tableau Desktop Specialist

January 24, 2024

Academy Accreditation in Databricks Lakehouse Fundamentals

July 4, 2024