

James Grooms

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OBJECTIVE: Position as a Data Science Intern for AI Camp

Summary of Qualifications

- Proficient in cleaning large datasets and then performing exploratory big data analysis
- Experience with supervised, unsupervised, and deep learning machine learning algorithms such as: random forest, k-means, and convolutional neural networks.
- Skilled in Python – numpy, pandas, scikit-learn, tensorflow, keras, matplotlib, seaborn
- Familiar with SQL, R, and Tableau
- Statistical methods such as linear regression, logistic regression, and naïve bayes

EDUCATION

College of Charleston, Charleston, SC

Bachelor of Science in Data Science, 2019 – Present

Minor: Mathematics

EXPERIENCE

National Big Data in Health Conference 2022

- Finalist

Deep Neural Network – Dog Breed Image Classification

- Computer Vision model that can classify images of dogs into 1 of 120 different dog breeds.
- Trained on over 10,000 images of dogs using a transfer learning pipeline.

Naïve Bayesian – Credit Card Customer Churn Prediction

- Determining a profile of the type of customer most likely to churn
- Classifying whether a customer will churn based on certain features (education level, income category)

EMPLOYMENT HISTORY

U.S. Army Reserve Civil Affairs, April 2019 - Present

U.S. Army Active-Duty Military Police, October 2010 – April 2019