lucas.b.jennings@gmail.com
(870)-530-1124
linkedin.com/in
/lucasjennings/
lbjennings

LUCAS JENNINGS

DATA SCIENTIST

Summary

7 + years using data center approach. Turned around a business territory, changed a battlefield campaign, and managed financial portfolios. Implemented and presented data projects to clients, and senior stake holders. I enjoy programming and diving deep into the story that data tells. Experienced using machine learning, predictive algorithms, and data visualizations.

Education

Springboard
Data Science 2018

University of Arkansas
M.S. Mathematics
2011
Emphasis on Topology, Graph Theory, and Networks

Arkansas State University
B.S. Mathematics 2005

Skills

Data Science
Machine Learning
Supervised Learning
Unsupervised Learning
Predictive Algorithms
Data Analysis
Financial Analysis
Statistical Analysis
Clustering
Natural Language Processing
Network Analysis
Web Scraping
Data Cleaning
Data Wrangling
Data Visualization
Support Vector Machines
Random Forests
Principle Component Anaylsis
GitHub @lbjennings
Docker
Juypter Notebooks
Bokeh
Matplotlib
Spark
Pyspark
SQL

Awards

Bronze Star Medal

Employment

United States Army
Chief Intelligence Officer — 2016 to Current

Chief officer responsible for collecting, analyzing and distributing intelligence reports. Established cross-functional teams to build data centric projects.

Union Pacific RailRoad
Manager of Operations — 2013 to 2016

Turned the business operations around. Led the region from the last to the top performing region. Utilized data driven analysis to target business improvements.

Morgan Stanley
Financial Advisor — 2005 to 2008

Built robust portfolio investment strategies and financial reports for individual clients. Routinely conducted statistical analysis and predictive algorithms on financial portfolios and markets.

Projects

Grocery Shopping Habit Analysis 2018
https://github.com/lbjennings/Springboard/Capstone_Project_1
A project to understand and predict customer purchasing habits using machine learning. Algorithms include Support Vector Machine, Random Forest, and Single Vector Decomposition.

Improving the Canadian Interchange System 2016
Project Manager to improve the interchange process between Canada and the United States. Project included time series analysis, network effects, capacity constraints, and statistical applications.

Train Velocity 2015
Project Manager to improve train velocity over the Wisconsin territory. Project included data collection improvement, time series analysis, and critical path analysis.

Counter IED Initiative
A data driven project reducing the IED (improvised explosive device) threat in combat zones. Project utilized machine learning, network analysis, graph theory, and predictive algorithms.

Mini Projects 2018
https://github.com/lbjennings/Springboard/Mini-Projects
Projects include SQL, Clustering, Network Analysis, Linear and Logistic Regression, Naive Bayes, Spark, and Statistically Analysis.