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

Education

Springboard
Data Science 2018

University of Arkansas
MS Mathematics
2011
Emphasis on Topology, Graph Theory, and Networks

Arkansas State University
BS 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 Scrabbing
- Data Cleaning
- Data Wrangling
- Data Visualization
- Support Vector Machines
- Random Forests
- Principle Component Anaylsis

Awards

Bronze Star Medal

LUCAS JENNINGS

DATA SCIENTIST

Summary

I've used a data centered approach to turn around a business territory, impact a battlefield campaign, and manage financial portfolios. I've implemented and presented data projects to clients, and senior stake holders. I enjoying programming and diving deep into the story that data tells using machine learning, predictive algorithms, and data visualizations to uncover and communicate insightful and beneficial opportunities.

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

Managed Operations for 400 sq. mile territory. Successfully turned the business operations around leading the region from the last to the top performing region by 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

Understanding and predicting customer purchasing habits using machine learning. Algorithms include Support Vector Machine, Random Forest, and Single Vector Decomposition.

Improving the Canadian Interchange System — 2016

Union Pacific Project 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

Union Pacific project 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 to reduce the IED (improvised explosive device) threat in combat zones. Project utilizes machine learning, network analysis, graph theory, and predictive algorithms.