

Jesse Moore

Experienced Executive, Data
Scientist, and Analytics
Professional

A data focused engineer and experienced executive with a broad base of skills in engineering, economics, programming, data, and financial markets.



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WORK EXPERIENCE

CEO Sigmai Limited

02/2018 – Present United Kingdom/ Bulgaria

Sigmai's unique NLP algorithms extract events from publicly available information that will have a substantial impact on publicly traded companies.

Achievements/Tasks

- Led a team of 15 data scientists, linguists, software engineers, product managers, sales and business development professionals and support staff.
- Implemented a unique novel-event system and gained significant market traction with some of the world's largest fund managers.
- Significant acquisition of the majority of our technology and people. Continuing to sell data that predicts the market to hedge funds.

Strategic Advisor Mobilads / Damocles Analytics

05/2018 – Present

Achievements/Tasks

- Mobilads connects Uber drivers with advertising to offer a rapidly scalable advertising model for out-of-home ads.
- Damocles Analytics automates the profiling of public figures, finds connections between world events, their opinion and actions, drawing from personality, emotional and thinking patterns.

Data Science Consultant Self-Employed

10/2016 – 03/2018

Germany

Achievements/Tasks

- Sigma News Ventures - Building deep NLP models for text classification (Tensorflow/Keras)
- Dreamtalents - Built ML solutions for a German startup that connects medical staff with businesses. Significantly improved the ability of the company to match candidates with employers.
- Zalando - Worked with product ownership teams to understand their problems, propose and deliver solutions.

Expert Contributor - Commodities Seeking Alpha

11/2015 – 01/2018

Remote

Tasks/Achievements

- Achieved over 2000 followers and 250,000 page views in under a year. Consistently ranked as one of the top commodities contributors.
- Picked to become a premium-contributor by senior editors for the site.

SKILLS & COMPETENCIES

Leadership and Mentoring

Neural Nets & Deep Learning

Python Programming

R - Programming

Data Application Development

Financial Analysis

Data Science

Data Mining

PROJECTS AND WRITING

Newsful.io

- 2018 CODie SIIA Finalist
- Newsful is a demonstration of Sigmai's cutting edge Natural Language Processing System. A hybrid approach that delivers very high precision and recall.
- Newsful gives consumers access to our technology in a way only quantitative trading funds have before.

NHL Analytica

- The goal of NHL Analytica is two fold.
- First to extract informative features on what wins hockey games and build an app for retail users to explore these features.
- Second is to use that information to build the worlds most accurate prediction system for future games.

Option Mispricing Model

- Application for scraping and analyzing Australian options that looked for mispricing between implied volatility and predicted volatility for primarily oil and gas companies.
- Predicted volatility was found using a combination of market data, oil stock and futures, news and discussion forums.

Writing

- Deep Misconceptions about Deep Learning @ Towards Data Science
- To Be or not To Be (A Data Scientist) @ Towards Data Science
- A Breakthrough in Fusion Puts Us On the Pathway to Unlimited Energy @ Seeking Alpha
- A Black Swan Threatens The Renewable Industry @ Seeking Alpha
- Central Banks Are Becoming The Problem - And They Know It @ Seeking Alpha
- Where Is Your Pension Going To Be When You Retire? @ Seeking Alpha