Jesse Moore

Data Scientist

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

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WORK EXPERIENCE

Data Consultant
Self-Employed

06/2017 – Present   *Remote*

Achievements/Tasks

- Consultant for several data focused teams at Zalando
- Work with product ownership teams to understand their problems, propose and deliver solutions
- Utilise R, Python, Apache Spark, and Google BigQuery to gather, mine, clean, and present data for business decisions.

Business Analyst
Zalando

02/2017 – 06/2017   *Hamburg, Germany*

Tasks/Achievements

- Analysed the vast data collected by Zalando to increase the profitability of marketing campaigns and develop products for both internal and external clients
- Developed dashboards and data tools for encouraging data-based decision making

Expert Contributor - Commodities
Seeking Alpha

11/2015 – Present   *Remote*

Tasks/Achievements

- Analyse commodities markets, companies, and macro-economics. Achieved over 1800 followers and 200,000 page views in under a year. Consistently ranked as one of the top commodities contributors

Project Engineer/Manager
Senex Energy

10/2012 – 11/2015   *Brisbane, Australia*

Tasks/Achievements

- Management of multi-disciplinary projects. Reduced completion times by 40% for repeatable projects. Was responsible for multiple concurrent projects, fulfilling various roles as required (Construction superintendent, construction engineer, procurement, detailed engineering, FEED)

Mechanical Engineer/Project Manager
OSD Limited

08/2012 – 06/2013   *Brisbane, Australia*

Achievements/Tasks

- Design of Gas Gathering networks, oil and gas pipelines. Fit for purpose proposal development for clients to secure future work for OSD. Project management of drafters, process engineers, mechanical engineers, and Civil engineers

EDUCATION

Bachelor Of Science In Mechanical Engineering
University Of Alberta

08/2007 – 04/2012   *Edmonton, Alberta*

SKILLS & COMPETENCIES

Skill	Level
R - Programming	●●●●●
Data Application Development	●●●●●
Data Mining	●●●●●
Python Programming	●●●○○
Research and Analysis	●●●●●
Financial Analysis	●●●●●
Commodity Markets	●●●●○
Project Management	●●●●●
Multi-Discipline Engineering	●●●●○

PROJECTS AND PUBLICATIONS

Ahead Of The Curve Data Center

- Currently developing a standalone market analysis tool for the U.S. market in conjunction with Seeking Alpha.
- Extensive use of XBRL data from America's SEC filing system, unstructured data from various sources (Energy Information Administration, Federal Reserve, LME, Quandl)
- Web Scraping and text analysis from news outlets and stock forums

Publications

- A Breakthrough in Fusion Puts Us On the Pathway to Unlimited Energy
- A Black Swan Threatens The Renewable Industry
- Central Banks Are Becoming The Problem - And They Know It
- Where Is Your Pension Going To Be When You Retire?

R - Option Mispricing Model

- Created an application for scraping and analyzing Australian options
- Looked for mis-pricing between implied volatility and predicted volatility for primarily oil and gas companies

CERTIFICATES

Machine Learning - Stanford (Coursera)

Practical Machine Learning - John Hopkins U (Coursera)

INTERESTS

Macro-Economics   Travel   Data Science

Machine Learning   Kite Surfing   Skiing