Rihad Variawa

My Website
rihadv021@gmail.com | https://us04web.zoom.us/j/7502885942 (zoom)

SKILLS

PROGRAMMING
Python & iPython Notebook
R
SQL
JavaScript (D3.js), HTML & CSS

MACHINE LEARNING
Supervised Learning
Unsupervised Learning
Reinforcement Learning
Ensemble Methods
Neural Networks
Deep Learning
Computer Vision

SOFTWARE
MySQL
Amazon Web Services
Apache Spark & Hadoop
Git & Github
Microsoft Azure Machine Learning
Matlab
Excel & Tableau

WHITEPAPER

MALASTARE AI
FinTech
Research: Digital Banking

EDUCATION

DATA SCIENCE BOOTCAMP
Flatiron School
Aug 2017 | New York, NY, U.S.A

PGDIP. ACC.SCI
University of South Africa
Oct 2014

HONS. BCOMPT ACC.SCI
University of South Africa
Oct 2011

BCOMPT ACC.SCI
University of South Africa
Oct 2008

LINKS

MalastareAI:// **Data Analytics Projects**
DataScienceCentral:// **Blog Posts**
Github:// **2series**
LinkedIn:// **Rihad Variawa**

PROFESSIONAL EXPERIENCE

YZMA ROBOTICS | Data Scientist
Sept. 2019 -
- Performing analytics, data science, machine learning, risk management, modeling, artificial intelligence, deploying the full-scope of advanced techniques
- Creating quantitative models, data mining, causal inferences, predictions, optimizations & recommendations for various business lines & metrics that monitored those improvements

MALASTARE AI | Data Scientist - Intellectually curious
Jul. 2019 - | Dallas, TX, U.S.A
- **Close collaboration** with various internal stockholders, external partners solving various high-impact FinTech & other business questions
- Developed predictive model that scored & ranked investments with the highest potential for ROI **for Asset Management Co making investment decisions ranging between 5 to 15 million USD**

CORELLIA ANALYTICS | Data Scientist - Advanced Analytics
Jan. 2017 - Jun. 2019 | Région de Bruxelles, Belgique
- Applying scientific techniques, insights from data, in the form of time-series (smart-meters, smart-grid and other IoT), structured (relational data stores) and unstructured (text and multi-media) datasets
- Using statistic models **compared countries leading in solar and wind production**
- Researched **patterns in renewable energy** to derive insights and explore questions using k-means clustering

YAVIN WEALTH ADVISORS | Finance Manager (Corporate Finance)
Feb. 2017 - May. 2018 | South Africa
- Drove business development, defining reporting frameworks, set-up business intelligence capabilities, building data models, translating & interpreting business needs into analytics
  - Financial Commerce Market Analyses
    * Led quantitative analysis to develop value propositions for a multinational seeking to enter markets in several African states
    * Engineered comprehensive risk & financial models, assessed market potential & expected cash flows for real estate, growing sales by 8%
- Managed planning, development of design and procedures for metrics reports that were leading indicators of business growth & success

ENERGY CO. | Data Scientist (Data Science & Analytics)
Dec. 2016 - Jan. 2017 | New York, NY, U.S.A
- Applying machine learning, statistics, data mining, hyperparameter tuning, and model ensembles to **predicts a building's energy star score** achieving a 91% accuracy

AUDIT FIRM | Senior Associate (Financial Services Group)
Feb. 2014 - Jan. 2017 | South Africa
- Executed statutory audits within; Asset Management, Capital Markets, Micro Leading business units, Trusts, Property Management, Banking & Telecoms