

Rihad Variawa

<https://2series.github.io/>
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SKILLS

PROGRAMMING

Python & iPython Notebook
RStudio
SQL & Solidity
JavaScript (D3.js), HTML & CSS

MACHINE LEARNING

Regression
Support Vector Machines
Naive Bayes
K-Nearest Neighbors
Decision Trees
K-means Clustering & PCA Analysis
Natural Language Processing
Deep Learning

SOFTWARE

MySQL
Spark & Hadoop
Git & Github
Microsoft Azure Machine Learning
Matlab & Weka
Tableau & Excel

WHITEPAPER

FINTECH

MALASTARE AI
Aug. 2019
Research: Digital Banking 2025

QUALIFICATIONS

DATA SCIENCE BOOTCAMP
FLATIRON SCHOOL (BIG DATA, DATA SCIENCE, ANALYTICS & MODELLING)
Aug 2017 | New York, NY, U.S.A

PGDIP. ACC.SCI (CTA)
UNIVERSITY OF SOUTH AFRICA
Oct 2014

BCOMPT HONORS ACC.SCI
UNIVERSITY OF SOUTH AFRICA
Oct 2011

BCOMPT BACHELOR ACC.SCI
UNIVERSITY OF SOUTH AFRICA
Oct 2008

LINKS

Github:// 2series
LinkedIn:// rihadvariawa

PROFESSIONAL EXPERIENCE

MALASTARE AI (BLOCKCHAIN & ARTIFICIAL INTELLIGENCE) | DATA SCIENTIST - INTELLECTUALLY CURIOUS

Jul. 2019 -

- **Closely Collaborated** with various internal stockholders and external partners to solved various high-impact FinTech & other business questions. Presented insights in a concise and effective manner to an array of global customers

CORELLIA ANALYTICS (UTILITIES INDUSTRY STARTUP, DEPLOYING ANALYTICS-BASED SOLUTIONS) | DATA SCIENTIST - ADVANCED ANALYTICS

Jan. 2017 - Jun. 2019 | Région de Bruxelles, Belgique

- Applied scientific techniques to extract knowledge and insights from data, which took the form of time-series (smart-meters, smart-grid and other IoT), structured (relational data stores) and unstructured (text and multi-media) datasets. Leveraged insights to deploy data-driven applications in support of strategic business priorities
- Mentored junior peers and reviewed their activities where needed. Providing subject matter expertise in the area of artificial intelligence, machine learning, feature engineering, data mining, data manipulation and high-performance computing

YAVIN PORTFOLIO WEALTH ADVISORS | FINANCE MANAGER (CORPORATE FINANCE)

Feb. 2017 - May. 2018 | South Africa

- Drove business development by defining reporting frameworks, set-up reporting / business intelligence capabilities, building data models, translating and interpreting business needs into analytics
 - **Financial Commerce Market Analyses**
 - * Engineered comprehensive risk & financial models to assess market potential and expected cash flows for real estate, increasing sales by 8% for the reviewed period (2017-2018)
- Engaged with country risk teams and the business teams to provide analytical input for model development, credit strategy building, fraud prevention and anti-money laundering strategy building; and ensured that any risks are highlighted effectively in a timely manner

ENERGY CO. (RETAIL ENERGY PROVIDER SPECIALIZING IN ELECTRICITY, NATURAL GAS COMMODITIES, ENERGY EFFICIENCY SOLUTIONS & RENEWABLE ENERGY OPTIONS) | DATA SCIENTIST (DATA SCIENCE & ANALYTICS)

Dec. 2016 - Jan. 2017 | New York, NY, U.S.A

- Using predictive modeling methods, developed a model that can **predict a building's energy star score** achieving a 91% accuracy

SIZWENTSALUBAGOBODO (ADVISORY SERVICES) | SENIOR ASSOCIATE (FINANCIAL SERVICES GROUP)

Feb. 2014 - Jan. 2017 | South Africa

- Domain knowledge of financial services audits & corporate finance
- Executed statutory audits within; Asset Management, Capital Markets, Micro Leading business units, Trusts, Property Management, Banking & Telecoms