JEAN **PAUL UWIMANA**

Data Scientist

CONTACT

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Rocky Hill, Connecticut 📍

EDUCATION

Master's Degree

Applied Data Science

Syracuse University

2018 - 2021

GPA: 3.8

Bachelor of Science

Web and Information Systems

New Jersey Institute of
Technology

Sep 2009 - May 2012

Cum Laude Honors

SKILLS

Naive Bayes

Support Vector Machine (SVM)

Random Forest

Associative Rule Mining

Natural Language Processing

Statistical Analysis

Unstructured & Structured Data
Processing

Text Mining

Exploratory Data Analysis, Predictive
Analytics, Machine Learning, Data
Visualization

Decision Trees

CAREER OBJECTIVE

Data Analyst with strong statistics, programming background and 2 years utilizing predictive modeling, data processing, and data mining algorithms to solve challenging analytical problems through work and academic experience.

WORK EXPERIENCE

Data Analyst

Pratt and Whitney (Raytheon Technologies)

May 2016 - current / East Hartford, CT

- Collected, cleaned and analyzed large amount of air vehicle propulsion data to ensure no discrepancies between source and target systems
- Designed and implemented a classification model to predict valid vs invalid air vehicle parts identification resulting in 75% reduction in aircraft data delivery time
- Developed a Linear Regression model to forecast parts order volume resulting in pre-staging electronic data for parts whose inventory was likely to ground the aircraft
- Utilized R and Python to write advanced analytics tools that cut our data collection, and pre-processing efforts by 90%

IT Business Analyst

TekSystems

Sep 2015 - May 2016 / Hartford, CT

- Analyzed State Medicaid payment systems requirements and worked with development team to implement regulatory changes into payment systems
- Translated business requirements into technical specs (pseudo code) for developers
- Built and tested software installers to ensure final software products were suitable for release

Market Data & Systems Analyst

EquiPower Resources Corp

Sep 2013 - May 2015

- Collected, cleaned, identified erroneous data and analyzed energy market data from commodity exchanges, and produced market data reports

SOFTWARE & LIBRARIES

R
RStudio
dplyr
ggplot2
Caret
Python
Anaconda
Scikit-learn
Pandas
Numpy
SciPy
Matplotlib
Seaborn
Jupter Notebook/Google Colab
SQL
MongoDB (NoSQL)
Tableau
Excel
Power BI

- Performed market risk modeling, market data analysis, exploratory data analysis to uncover data insight using Excel Pivot tables and Tableau
- Collaborated with various business stakeholders to elicit, define reporting requirements and prioritize requirements

Systems Analyst

Tata Consultancy Services

Jul 2012 - Aug 2013 / Hartford, CT

- Defined system objective by analyzing user requirement through use cases and use case diagrams, envisioned system features and functionalities
- Collaborated with cross-functional teams in meetings and translated business requirements into software technical specifications, wrote business requirement documents and user documentation
- Designed and developed user interfaces for web applications throughout System Development Life Cycle (SDLC)
- Used test plan and test cases/scenarios written by BA and QA to perform manual testing to ensure application meets business and user requirements