

FUNKE OLALEYE

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SUMMARY

Solution-driven Data Analyst with a Masters of Science in Computer Science and a certificate in Data Science from Rutgers University. Inquisitive, analytical, detail-oriented and cybersecurity-focused. Ability to decompose complex problem to glean significant business value and insight from a large set of raw, semi-structured to structured data. Enthusiastic and well-organized with a solid background in requirements and process improvement and passionate about data analytics. Enjoys leveraging background and skill set.

TECHNICAL SKILLS

Tools: Python (Pandas, NumPy, Matplotlib, JSON), R, SQL, Tableau, Big Data (Hadoop, Spark, AWS), Machine Learning, Advanced Excel, VBA
Databases: SQL, PostgreSQL, NOSQL, MongoDB SQL

PROJECTS

S&P 500 Stock Prediction | <https://github.com/ofunkey/SP500-stock-prediction>

- Implements machine learning model to forecast stock returns using Linear Regression, Deep Learning and Clustering model in Time series
- Delivered insights of individual stock performance and performing portfolio index
- Tools: Python | Pandas | Scikit-learn | SQL

Web Visualization Dashboard | <https://github.com/ofunkey/Web>

- A web dashboard that analyses weather changes at different latitudes relative to the equator line
- Created data visualization that shows temperature, humidity, cloudiness and wind speed via an ETL process
- Tools: Pandas | HTML / CSS | Bootstrap | API

Life-Expectancy Visualization | https://github.com/ofunkey/project_1_2019

- Changes in life-expectancy in various continents and countries with respect to GDP and population
- Analyzed and visualized the correlation between world GDP and life expectancy over 50 years period.
- Tools: Python | Pandas | Matplotlib

EDUCATION

Data Science Certificate: Rutgers University, Somerset, NJ

A 24-week intensive program focused on gaining technical programming skills in Advanced Excel, VBA, Python, R, JavaScript (D3.js, Leaflet.js), SQL Databases, HTML/CSS, Tableau, Big Data, Machine Learning.

Master of Science in Computer Science: Kent State University, Kent, OH

Bachelors of Science in Electrical/Electronics Engineering: Yaba College of Technology, Yaba, Lagos

EXPERIENCE

Business Analyst
Timbrel

Sept 2012 – April 2019

East Brunswick, NJ / Kitchener, ON

Translated business requirements to technical designs using use cases analysis, user stories, process modeling. Reviewed project artifacts, business requirements and solution specifications for completeness, accuracy and business analysis best practices.

Key Accomplishments:

- Modified data warehouse to support new internet services
- Implemented a new process to enhance anti-money laundering capabilities for credit card payment
- Designed a web application that detect data quality issues in wealth management transactions data

- Created a new system to ensure regulatory compliance to identify suspicious financial transaction
- Worked on UX design for a mobile application development that improved customer satisfaction and retention

Requirements Manager/ Business Analyst

July 2008 – Aug 2012

BlackBerry

Waterloo, ON

Elicited and analyzed Infrastructure, Provisioning, functional and security (IAM) requirements including data analysis. Decomposed business requirements from multiple sources and produced technical requirements using Use Cases, User Stories, MS Visio, Enterprise architect and MS Office Suites in Agile and waterfall development environment.

Key Accomplishments:

- Mitigated risk of data loss in infrastructure, provisioning and services by ~ 30% complying with security policies and implementing Identity and Access Management system.
- Recognized for modeling new end to end process that enhanced the efficiency of recycling devices by 35%
- Worked on special projects to support 200+ services and datacenters to maximize fault tolerance and reduce service disruptions to clients and subscribers.
- Implemented Authentication Authorization and Accounting (AAA) services that enforces security policies, protect against spoofing and save money for the company
- Developed a new validation system which secure identity and authorize services
- Redesigned requirements management processes to prioritize customer requests and mentored 2 junior business analysts

Business Analyst

July 2007 – April 2008

CIBC Bank

Toronto, ON

Worked as a Liaison with 20+ stakeholders and created credit card and payment processes documentation. Gathered and analyzed business requirements and prepared 5+ functional system specifications to mitigate fraud losses and increase credit card operational efficiency.

Business Analyst

May 2006 – March 2007

TD Bank

Mississauga, ON

Elicited and authored detailed requirements document using information gathered from SMEs. Minimized business and operational risks by ~40% by identifying and eliminating gaps and redundancies in business processes. Re-designed branch service processes to minimize bank losses.

Consultant

March 2006 – May 2006

McMaster University

Hamilton, ON

Developed a web-based record management database from paper-based documentation. Reduced access time to patient data by ~60%. Coordinated end to end functional testing on different browsers and system environments.