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| **Bruno Asobo** | Redmond, Washington 98052 ▪ Tel: (919) 522-6169  brunoasobo@gmail.com ▪ Linkedin.com/in/bruno-asobo-a27982b4 |

**BI Engineer, Data Engineer & Data Scientist and Software Developer**

***+10 years’ success in business intelligence engineering, data engineering, analytics and general business management***

Dynamic, adaptable, articulate and self-reliant data and civil engineering professional with deep understanding and experience using modern big data analytics and business intelligence engineering tools. Excellent analytical and programming skills and application. Big data analytics leader with a rich mix of domestic and global experience in leading analytics and engineering projects for corporate organizations and big data decisions.

* Highly analytical, visionary and critical thinker with solid experience with Web crawler, Scraper developer, Data Analysis, Statistics, JAVA and Python programming, Data Warehousing, ETL.
* Excellent programming experience in Python and Java.
* Extremely adaptable and successful team-player with proven ability to collaborate with virtual and cross-functional teams to tackle complex business data research and big data challenges and opportunities.

Successfully used latest technologies such as listed below in several projects:

* Cloud infrastructure (AWS S3)
* Web scraping technologies (Python Requests, Selenium, Chrome driver, Phantom JS, Scrappy, Curl, and Postman),
* Relational databases (SQL Server and Data Grip)
* NoSQL database systems (MongoDB)
* Multi-terabyte data technologies (Vertica platform)
* Parsing technologies (Regex, X path, and PDF mining tools),
* Data processing technologies (Python Pandas and NumPy) etc.

**Education & Credentials**

**DevCamp (Bottega Boot camps) Feb 2019 - Dec 2019**

**Full Stack Development with JavaScript, Python and React**

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| --- | --- | --- | --- | --- | --- | --- | --- |
| * JavaScript * ReactJs * JSON * SQL | * Python 3 * HTML5 * Git * CSS Grid | * CSS * Flask * MongoDB | * Databases * SCSS/SASS * Flexbox |  |  |  |  |

**Liberty University,** Lynchburg, Virginia

**Bachelor of Application and Database Development Feb 2013 - Present**

**Major courses and programs completed include:**

|  |  |
| --- | --- |
| * Computer Operating Systems and Maintenance I | * Computer Architecture |
| * Computer Operating Systems and Maintenance II | * C++ Programming |
| * Database Management and Design | * Big Data Analytics |
| * Systems Development Methods | * Trends in Computer Science |
| * Report Builder Analytics -Cognos | * Database Administration II |
| * Systems Development Project | * Database Programming II |
| * Advanced Database Topics |  |

**University of Kinshasa,** Kinshasa, Democratic Republic of Congo **Jan 2000 - Jul 2005**

***Premier technology university in Central Africa***

**Bachelor of Science (Honors) in Civil Engineering**

**Major courses and programs completed include**:

|  |  |
| --- | --- |
| * Programming Fundamentals | * Software Engineer 1 |
| * Programming 1 | * Data Structures |
| * Programming 2 | * Discrete Mathematics |
| * Computer Systems | * Analysis of Algorithm |
| * Database 1 | * Web programming 2 |
| * Communication and Networking | * Database 2 |
| * Calculus | * Operating System 2 |
| * Web Programming | * Information Retrieval |
| * Comparative Programming Language | * Mobile Application |
| * Advanced Networking & Data Security | * Computer Graphics |
| * Data Mining & Machine Learning | * Artificial Intelligence |

**Project Overview**

Artificial Neural Network – Car Sales Prediction

**Experienced Data Engineer and Data Scientist with Expertise in:**

|  |  |
| --- | --- |
| * Database Management Systems | * Big Data Analytics |
| * Information Extraction and text mining | * SQL/MongoDB queries |
| * Design and analysis of algorithms | * Web Scraping |
| * Sentiment Analysis and opinions Mining * Cloud Infrastructure (AWS) * Data Models - Dimensional modelling * Data Models - Type two-dimension models * Data Science certification (SuperDataScience) | * ETL * Data Solutions * Data Ingestion * Predictive Modelling * Text Processing |
| * Recommendation Systems | * Data stream analytics |
| * Operations Research | * Data Visualization |
| * Sentiment Analysis and Opinion Mining |  |

**EXPERIENCE & ACCOMPLISHMENTS**

**Enterprise Holdings Inc, Seattle, WA. USA. Feb 2010 - Present**

**Assistant Manager, Operations**

* Manage branch employees to provide a high standard customer services, including management of the rental counter, customer flow and telephone service, as well as continuous training and leading by example.
* Develop and implement branch operational plan.
* Use initiative, independent judgment, discretion, and decision-making skills to perform a variety of duties, address customer concerns and resolve daily operational challenges and ensure excellent customer satisfaction.

**Language Line Solution, San Francisco, CA. USA. Feb 2015 - Feb 2019**

Data Engineer,

* Collaborated with portfolio managers, data scientists, and financial analysts to understand their data problems and design innovative data ingestion and ETL pipelines as data solutions.
* Employed cloud infrastructures (including AWS) and Big data processing platforms (including Vertica) to transfer the information contained in vendor’s data sets to financial analysts and managers.
* Developed best data models (dimensional modelling and type two-dimension models) and SQL/MongoDB queries to grant better understanding of the data and utilize it for an effective and data-quality-sensitive predictive modelling analysis.
* Supported financial analysts and portfolio managers with real-time data streams through developing web crawlers/scrapers enabling them to obtain timely, complete, and correct data from various websites.
* Collaborated with other team members to develop quality assurance tools, mostly using database queries, to constantly monitor data solutions through employing both common approaches (such as checking the data size, parsing operations logs in Linux, and implementing event-handling mechanisms) and project specific approaches (checking on business logic through SQL queries).

**Volunteer Experience**

**Corps Sergeant Major Assistant, Salvation Army**

Raleigh, North Carolina

* Assisted corps officer on routine organization such as helping with bus and conflict resolution in the community.

**\*References Available upon Request\***