|  |  |
| --- | --- |
|  |  |
| **SOLOMON ROTICH**  [LinkedIn](https://www.linkedin.com/in/solomon-rotich) | [GitHub](https://github.com/srotich1) | [Portfolio](https://solomonrotich.com) | Hope Mills NC 28348  910-489-0533  [solomonrotich02@gmail.com](mailto:solomonrotich02@gmail.com) |

**D A T A S C I E N T I S T | D A T A A N A L Y S T**

❍ ❍ ❍

Data-driven technical professional with education/training supportive of analyzing **big data and turn it into clear insights through reports and analytics solutions**. Developed expertise in **developing business intelligence dashboards and reports** that reflect and communicate collected metrics. Provide advice and requirements for **data modeling, predictive analytics, data visualization, and data governance**. Deliver impact via design, build, deployment, and updating of **BI and analytics solutions**, with understanding of **query tools (SQL), online analytical processing (OLAP), and extract, transform, and load (ETL) framework**. Skills include collecting data from various sources using scraping and other techniques, automating data pipelines, and integrating with cloud applications.

|  |  |  |
| --- | --- | --- |
|  Machine Learning |  Online Workflow Development |  Operational Process Automation |
|  Data Presentation |  Data Science Development |  Custom Metrics & Dimensions |
|  Custom Visualizations |  Data Analytics Platform Support |  Predictive Analysis |
|  Dashboard Development |  Data Collection/Cleanup |  Exception Reporting |

**EDUCATION & CERTIFICATIONS**

**Certification, Data Science**  Southern Methodist University – Dallas, TX  09/2022

* *Relevant Coursework:* Fundamental Statistics | Python Programming | Databases | Front End Web Visualization | Business Intelligence Software | MS Excel Pivot Tables | R Programming | Big Data Analytics with Hadoop | Supervised Machine Learning

| Unsupervised Machine Learning | Deep Learning | VBA Scripting | Modeling | Forecasting | Dashboarding | Geomapping | API Interactions

**MHA, Healthcare Administration**  University of Incarnate Word – San Antonio, TX  12/2018

**BS, Nuclear Medicine Technology**  University of Incarnate Word – San Antonio, TX  12/2012

**TECHNICAL SKILLS**

|  |  |
| --- | --- |
| **PROGRAMMING:** | Python 3 (SciPi, NumPy, Pandas, Matplotlib) |
| **DATA VISUALIZATION:** | Tableau |
| **DATABASES & TOOLS:** | PostgreSQL, MongoDB, Hadoop, PGAdmin, Extract, Transform, Load (ETL) |
| **WEB DEVELOPMENT:** | HTML, CSS, Bootstrap, JavaScript Charting, Leaflet.js, WordPress |
| **OTHER:** | ConnectWise, Invision, QuickBooks, Salesforce, Goldmine, MailChimp, Trello, Asana, Insperity, Slack, Evernote, MS Office (Excel, Access, Project, Word, PowerPoint, Office 365), Google Applications Suite, Adobe Creative Suite |

**PROFESSIONAL EXPERIENCE**

**Logistic Data Specialist | Lungu Express LLC** – Burleson, TX (Part-time) 01/2019-Present

* Optimized quality of data by developing and continuously improving data collection and automated upload strategies.
* Validated incoming data against quality standards to eliminate irrelevant or unusable information.
* Evaluated efficiency and reliability of internal data management systems to identify and correct deficiencies.
* Ran essential daily, weekly, and monthly KPI metric reports from compiled data.
* Tested and refined data management systems to scale with increasing load demands.

**Nuclear Medicine Technology | DHA Womack Medical Center** – Fayetteville, NC (Full-Time) 08/2016-Present

* Developed and updated policies and procedures, maintaining compliance with statutory, regulatory, and local, state, and federal guidelines relating to HIPAA, benefits administration, and general liability.
* Utilized computer data to develop information and process images for interpretation.
* Monitored company inventory to keep stock levels and databases updated.
* Used Access, Word, DICOM PACS, Epic EMR, MHS Genesis and other software tools to create documents and other communications.

**Radiology Specialist | DHA Winn Medical Center** – Hinesville, GA 06/2014-08/2016

* Managed patient treatment and care by coordinating with diverse medical professionals in radiology and other medical fields.
* Wrote, implemented, and managed all radiology policies.
* Created work instructions to align with Project Management Business Process (PMBP) and ISO standards.
* Achieved compliance with audit performance requirements.