

Charles Lockhart

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Summary

Seeking an opportunity as a Data Scientist to leverage previous experience working in Big Data and bring value to your organization by delivering valuable insights and solving business problems with data-driven methods.

Education

Marshall University Bachelor of Science: Applied Mathematics	Huntington, West Virginia May 2017
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Skills

Spark	Python	SAS	Hadoop
Hive	Pandas	GIT	HDFS
SQL	Keras	Agile	Sqoop

Experience

Humana Data Analyst – Hadoop	Louisville, KY June 2019 to Present
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- Analyzing large datasets stored in Hive for monitoring consumer interactions and dispositions
- Assisting Project Managers with data strategy for new Hadoop environment to help achieve business goals
- Developing test cases and test scripts from documentation to ensure requirements have been met
- Building and cleansing datasets by joining multiple sources and performing transformations
- Performing ad-hoc analysis and generating reports for upper management
- Support enhancements to prospect data warehouse and finding data inconsistencies within multiple environments and marts
- Creating and maintaining large analytical datasets to support the lead Data Scientist.

CGI Inc. Software Developer – Big Data	Athens, Ohio June 2017 to June 2019
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- Responsible for developing software applications in Python on the Cloudera Hadoop platform for banking client
- Present and post-production release support for all applications assigned
- Assisting testing teams with translating requirements and use-cases into test conditions and expected results for product, performance, user acceptance, and operational acceptance testing
- Developing, unit testing, and debugging Spark applications used for data analytics
- Data acquisition, ingestion onto the Hadoop platform from various source systems and using SQL/Hive to perform transformations and convert data into Parquet columnar format
- Assisting and coordinating with the Product Owners, contribute to the development of project plans by participating in the scoping and estimating of proposed projects
- Applying technical background/understanding, business knowledge, system knowledge in the elicitation of Systems Requirements for projects

Previous Projects

Fraud Mitigation (May 2018 – June 2019)

- Working with Data Scientists to develop and release various processes for monitoring and identifying fraudulent cases
- Developing applications in Spark using the Python API to create dataframes for faster data processing
- Optimizing configurations for Spark applications to minimize the risk of impacting other applications on the platform
- Releasing various applications in Python, Hive, or Impala creating reports used by business stakeholders to production
- Developing Python framework components that are used to schedule daily ingestions of GDG files into Parquet tables within HDFS