# Cameron Dobbs

Richmond VA

## Summary of Qualifications

- Design, construction, and maintenance of enterprise data-warehouse and business intelligence systems

- Strong team lead and contributor able to provide direction and help others reach promising solutions

- Focused on extracting value from an enterprise data environment

- Competent with all aspects of the SDLC

- Experienced communicator able to simplify and explain complex ideas

- Able to apply specific technical skills as well as develop and execute long term strategy

- Strong writing skills, both technical and creative

## Technical Qualifications

- Database: SQL Server Management Studio (SSMS) 2008/2012/2016, Apache Cassandra 3.0+

- ETL: SQL Server Integration Services (SSIS) 2008/2012/2016, Apache Spark 2.0+

- Data Modeling: Erwin, Open ModelSphere

- Reporting and Business Intelligence: MicroStrategy 9.3 through 10.4 , SQL Server Reporting Services (SSRS), Excel

- Languages: T-SQL, CQL (Cassandra Query Language), Bash

- Trained in Amazon Web Services

- Proficient with GNU/Unix CLI, Bash scripting, and Scala within Spark shell

## Notable Accomplishments

- Created and implemented new data model for complex OEM software for a major utility company using best practices for Apache Cassandra. Installed and setup node ring within micro-services architecture using Docker. This effort constitutes an entire software re-platforming using burgeoning open-source products and offerings.

- Redesigned and implemented a new marketing channel data-warehouse architecture to provide business driven reporting capabilities which provided more accurate, detailed, and reliable analytics.

- Revamped legacy data-marts transitioning from uncommented stored procedures and views into proper ETL design and execution using SSIS. Reduced daily runtime from four hours to five minutes, expanded dataset capabilities, and stabilized incremental loads.

- Completed a 6 week data-warehouse project that offered complex reporting previously unavailable to Elephant Auto Insurance. This reporting project saved the Finance department approximately 20 man-hours a week and provided new insights on insurance data crucial to the company's success.

## Relevant Work Experience

Senior Consultant, Oct 2016 – Present

*CapTech Ventures* (Richmond, VA)

- Current projects include: application database design for enterprise level, OEM software product. Create and implement a plan for migrating existing architecture from SQL Server to Apache Cassandra using Docker, Apache Spark, and Apache Kafka across multiple Linux servers.

- Past projects include: enterprise wide data integration using SSIS, implementing solutions for complex data-warehousing functionality such as inferred member support, deleted member support, bridging tables, cross reference tables, hybrid dimension tables, fact-less fact tables.


MIS Development Lead, Jan 2016 – Oct 2016

*Elephant Auto Insurance* (Glen Allen, VA)

- Provided direction and project management for team of three other mid-level MIS developers.

- Guided architecture and enterprise data-warehouse design decisions.

- Responsible for creating and maintaining internal quality assurance process, data validation framework, legacy system deprecation and replacement, as well as BI administration and report creation.


MIS Developer, Jan 2013 – Dec 2015

*Elephant Auto Insurance* (Glen Allen, VA)

- Developed skills related to complex SQL queries, database development, and ETL processes within a short time frame and deadline oriented environment.

- Collaborating with business users and application developers to gather requirements and design reports related to process and business decisions.

- In-depth MicroStrategy BI experience such as creating metrics, attributes, filters, and prompts in addition to report and dashboard development.

- Managing BI content and permissions for several departments within the company such as Special Operations, Statutory Accounting, Sales, Underwriting, Pricing, and Finance.

## Education

San Diego State University, San Diego, CA

Bachelor of Arts, Economics

English (Minor), with emphasis in Business Studies

## Awards, Certifications, and Articles

AWS Certified Developer – Associate

Rookie of the Year Award 2013 – *Elephant Auto Insurance*

Project Management Essentials – C*ommunity College Workforce Alliance (CCWA)*

Developer Certification for Apache Cassandra (In Progress)

*What You Need to NoSQL*, 2016 - https://www.captechconsulting.com/blogs/what-you-need-to-nosql

*References available upon request.*