

Steven Cocke

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Education

- ♦ Master's Degree: Data Science with Concentration in Machine Learning
 - Southern Methodist University – Dallas, TX
 - Graduating May 2020 – Remote with two courses remaining
 - Curriculum: <https://datascience.smu.edu/academics/courses/>
- ♦ Bachelor's Degree: Systems and Information Engineering
 - University of Virginia - Charlottesville, VA
 - Graduated May 2016
 - Curriculum: <https://engineering.virginia.edu/departments/systems-and-information-engineering/>

Employment History

- ♦ Honeywell – Charlotte, NC
Business Intelligence and Datawarehouse Lead, April 2019 to Present
 - Responsible for the entire data management life cycle of a commercial excellence program that reports directly to the CEO of Honeywell. The life cycle includes the aggregation and consolidation of data from various sources – both internal and external, ETL of data via software workflows as well as SQL manipulation, the management of landing tables within a datawarehouse, and the ownership of the sources and security of a data visualization platform that supplies 100+ users
 - Performed initial data quality assessment and exploratory data analysis as a separate deliverable to leadership
 - Created initial machine learning classifier/regressor models for predictive analytics using python and integrated it with ETL workflows. Models were both supervised and unsupervised.
- ♦ Informatica – Austin, TX
Professional Services Consultant, February 2019 to April 2019
On top of the roles and responsibilities held as an Associate:
 - Execute business and technical roles for Data Quality and Data Integration projects by delivering and implementing scalable and high-performing solutions for major banks, healthcare, and manufacturing companies
 - Lead meetings with customer department managers and directors to guide them with the configuration and the architecture of their solutions on how to best meet their business requirements and data stewardship activities, as well as provide knowledge transfer
 - Prepare and present both detailed and high-level product demonstrations and technical documentations, ranging from installations to product capability demos, for customers from different departments and skill backgrounds
 - Work alongside senior consultants, customers, and business partners both on short-term and long term engagements, to provide high quality and efficient Informatica expertise in accordance with customer expectation
- ♦ Informatica – Austin, TX
Professional Services Associate Consultant, July 2016 to February 2019
 - Implemented Informatica Data Integration, Data Quality, and Master Data Management software, a set of ETL (Extract, Transform, Load) tools, that allows large sets of data to be cleaned, transformed, and warehoused – dramatically cutting overhead costs and improving business processes for customers
 - Developed and unit tested mappings and workflows, which are responsible for sending millions of records from the source table to final base object table, according to functional

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design specifications – Operating systems: Windows, Linux; Databases: SQL Server, Oracle, AmazonS3; Languages: SQL, Java

- Worked on an internal project that involved creating an Informatica Cloud Healthcare Accelerator
- Participated actively on Informatica product enablement, whether it was learning a new product or a new version of a product, to acquire new knowledge or to stay up-to-date with software patches and releases
- ◆ Department of Defense – NSWC Naval Base, Dahlgren, VA
Systems Safety Engineer, June 2014 to May 2016
 - Assisted Navy program's compliance with Military Standards (MIL-STD) and other requirements/directives that defined and guided Program Managers (PMs) in ordnance with system safety that had to be met to field their respective systems
 - Sought approval for projects from the Weapon Systems Explosives Safety Review Board (WSESRB) and the Naval Ordnance Safety and Security Activity (NOSSA)

Publications

- ◆ UVA Emergency Department Patient Flow Simulation and Analysis
- ◆ Blockchain Technology – A Survey and Tutorial
- ◆ Methods for Access Control in Relational and Non-Relational Databases

Relevant Classes

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|---|--------------------------------|-------------------------------|
| ◆ Data and Network Security | ◆ Visualization of Information | ◆ Systems Evaluation |
| ◆ Data Mining | ◆ Cloud Computing | ◆ Systems Engineering |
| ◆ File Organization and Database Management | ◆ Machine Learning | ◆ Linear Statistical Modeling |
| | ◆ Time Series Analysis | |

Skills Summary

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|----------------------------------|--------------------------------------|-----------------------------|
| ◆ Consulting and Data Analytics | ◆ Java, SQL, R, Python, SAS, XML | ◆ Linux, Windows, Amazon S3 |
| ◆ Data Engineering | ◆ Hadoop, Cloud | ◆ Microsoft Applications |
| ◆ System Analysis and Projection | ◆ Oracle, SQL Server, MySQL, MongoDB | |
| ◆ Tableau | | |
| ◆ Alteryx | | |

References furnished upon request