

SCOTT MINER

Phone: 720.660.7204 Email: scott.miner@csuglobal.edu

GitHub: <https://github.com/sminerport>

Portfolio: <https://csuglobal.instructure.com/eportfolios/414/Home>

MACHINE LEARNING ENGINEER

Focus of Interest: *Machine Learning ~ Natural Language Processing ~ Python*

Core Competencies

Artificial Intelligence • Business Analytics • Chatbots • Computer Vision • Data Analytics • Data Mining • Data Science • Data Warehousing • Deep Learning • ETL • Expert Systems • Git • Image Processing • Information Retrieval • Knowledge Engineering • Machine Learning • Natural Language Processing • Neural Networks • Object Oriented Programming • Predictive Analytics • Python • RStudio • SAS • SPSS • SQL • Tableau

QUALIFICATIONS PROFILE

Adept at analyzing disparate data sets to gather valuable performance insight. Work collaboratively across departments to formulate and implement appropriate solutions to drive efficiency, performance, and cost savings. Excellent communication and people skills with the ability to bridge communication across diverse populations. Core competencies include:

- Agile Methodologies
- Big Data Frameworks
- C, C++, C#, & Java
- Data Algorithms
- Data Structures
- ETL Pipeline Design
- Git, GitHub, & Version Control
- Neural Networks
- Object-Oriented Programming
- Predictive Analytics
- Python, R, SAS, SQL, & Tableau
- Statistical Modeling

RELEVANT EXPERIENCE

Community College of Aurora | Aurora, CO

Data Analyst

February 2020 – Present

- Engineer dashboards and reports using Cognos, Excel, SPSS, and Tableau
- Work with end-users to determine data requirements
- Summarize information for a broad range of audiences

Dovetail, A MeritDirect Company | Littleton, CO

SQL Server Developer

July 2018 – September 2019

- Performed Extract-Transform-Load (ETL) development for 150 clients
- Developed SQL queries to validate data
- Designed relational databases in SQL Server Management Studio (SSMS)

Key Achievements:

- ✓ Created an application that reduced project runtimes by 55%
- ✓ Restructured the script maintenance process, decreasing runtimes by 85%

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Journal Technologies | Englewood, CO

Data Conversion Specialist

January 2017 – June 2018

- Executed SQL scripts and ETL packages to migrate data from legacy databases into enterprise case management systems
- Ensured as part of the migration process the integrity, completeness, and quality of data
- Documented existing mappings as per standards

EDUCATION AND CREDENTIALS

Master of Science in Data Analytics (GPA: 4.0)

Specialization: Artificial Intelligence and Machine Learning

October 2021 | Colorado State University Global | Aurora, CO

Programming Specialist Certificate (GPA: 4.0) | 2017 | Red Rocks Community College | Lakewood, CO

Software Developer Certificate (GPA: 4.0) | 2016 | Red Rocks Community College | Lakewood, CO

Bachelor of Arts in Psychology *Graduated cum laude* | 2009 | University of Maryland | Baltimore, MD

Relevant coursework: *Advanced Java Programming, Business Analytics, C# Programming, Capstone – Business Intelligence and Data Analytics, Computer Science II – C++, Data Mining and Visualization, Data Warehousing in Enterprise Environments, Database Design and Development, Design and Analysis of Algorithms, Enterprise Performance Management, Foundations of Artificial Intelligence, Foundations of Data Analytics, Fundamentals of UNIX, Introduction to Business Intelligence, Introduction to Networking, Introduction to Programming – C, Introduction to SQL, Java Programming, Predictive Analytics, Principles of Machine Learning, Principles of Software Development, Systems Analysis and Design*

CERTIFICATIONS

▪ Applied Data Analytics

SAS and Colorado State University Global,
December 2020

Relevant Skills: *Data Mining, Predictive Analytics, Machine Learning, Text Analytics*

▪ Business Intelligence and Performance Management

SAS and Colorado State University Global,
December 2020

Relevant Skills: *Descriptive Analytics, Predictive Analytics, SAS Datasets, SAS Studio, Statistical Analysis*

▪ Predictive Analytics Management

SAS and Colorado State University Global,
December 2020

Relevant Skills: *Data Mining, Data Visualization, Descriptive Analytics, Predictive Analytics, SAS Enterprise Miner, SAS Programming, SAS Studio, Statistical Analysis*