

# SCOTT MINER

Phone: 720.660.7204 Email: [scott.miner@csuglobal.edu](mailto:scott.miner@csuglobal.edu)

Website: <https://scottminer.rbind.io>

## DATA SCIENTIST / MACHINE LEARNING ENGINEER

Focus of Interest: *Artificial Intelligence ~ Machine Learning ~ Data Science*

### 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
- AWS, Azure, & GCP
- Big Data Frameworks
- C, C++, C#, & Java
- Computer Vision
- Deep Learning
- Git, GitHub, & Version Control
- Natural Language Processing
- Object-Oriented Programming
- Predictive Analytics
- Python, R, SAS, SQL, & Tableau
- Statistical Modeling

### RELEVANT EXPERIENCE

Community College of Aurora | Aurora, CO

#### Data Analyst

February 2020 – June 2020

- Worked with clients and end-users to determine data requirements for reporting needs
- Built and published customized interactive reports and dashboards using Excel, SPSS, and Tableau
- Ensured the integrity, completeness, and quality of data

Dovetail, A MeritDirect Company | Littleton, CO

#### SQL Server Developer

July 2018 – September 2019

- Designed SSIS packages to extract, transfer, and load (ETL) existing data into SQL server from different environments
- Created database objects, including schemas, tables, indexes, views, cursors, and triggers
- Wrote stored procedures and user-defined scalar functions (UDFS) to be used in SSIS packages and SQL scripts

#### Key Achievements:

- ✓ Developed and implemented novel software tools, increasing automation and efficiency levels by 45%
- ✓ Spearheaded data flow improvement

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Journal Technologies | Englewood, CO

## Data Conversion Specialist

January 2017 – June 2018

- Extensively utilized joins and sub-queries to streamline complex processes
- Created and managed indexes and optimized queries using execution plans
- Migrated data from legacy databases into enterprise case management systems

### Key Achievements:

- ✓ Increased data conversion code efficiency by 80%

## 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*