

# SCOTT MINER

Phone: 720.660.7204 Email: scottminer1205@gmail.com

Website: <https://scottminer.netlify.app>

## DATA ARTIST/DATA SCIENCE ENGINEER - COMPANY ABC

Key Interests: *Data Warehousing Architecture ~ Machine Learning Algorithms ~ Software Engineering Best Practices*

### Core Competencies

Advanced Mathematics · Agile Environments · Algorithms/Data Structures · API Development · Big Data Analytics · Cloud Services · CNNs, RNNs, & LSTMs · Data Warehousing · ETL Pipeline Design · Machine Learning Methods · ML Algorithms · Parallel Computing · Prescriptive Analytics · Production Development · Python/Java/R Programming · RDBMS Environments

## QUALIFICATIONS PROFILE

Award-winning **Data Analyst** with 8 years of experience designing and implementing performant data models, pipelines, and frameworks to integrate large and complex data sets from internal and external sources. Proficient in AWS and experienced in data security and access controls. Collaborates effectively with cross-functional teams, including data scientists, BI developers, and SMEs. Analyzes data sets to gather valuable performance insights and formulates solutions to drive efficiency, performance, and cost savings. **Core competencies include:**

- AI/ML/NLP Development
- ANSI SQL Syntax & ETL Expertise
- API Design & Development
- Cloud Computing/APIs
- Data Visualization & Reporting
- ETL Tools & Technologies
- Machine Learning/Deep Learning
- ML Frameworks & Libraries
- Object-Oriented Programming
- Python, R, SAS, SQL, & Tableau
- Supervised/Unsupervised Learning
- TensorFlow/Python Programming

## RELEVANT EXPERIENCE

Echo Global Logistics | Chicago, IL

### Data Science Engineer

01/2022 – 01/2023

- Spearheaded the automation of CI/CD pipelines for code deployment using Microsoft Azure, Bash, and Python scripts, resulting in a 70% reduction in manual work and significantly improving work efficiency.
- Worked collaboratively with a cross-functional team of 20+ cloud platform engineers, data scientists, internal and external stakeholders, and other technologists across the business to ensure successful project delivery.
- Deployed an Amazon Web Services infrastructure optimized for High-Performance Computing to train complex machine learning models, achieving a 97% reduction in model training time from over 9 hours to under 15 minutes.
- Designed and implemented scalable and efficient application infrastructures using Kubernetes and Docker containers and developed language-agnostic RESTful APIs using Python to enable *accurate truckload cost quoting models* that contributed to Echo Global Logistics winning the 2022 **Excellence in Analytics Award** from the International Institute for Analytics.

Community College of Aurora | Aurora, CO

### Data Analyst

02/2020 – 06/2021

- Conducted cohort analysis and collaborated with stakeholders to identify retention opportunities, utilizing Excel and statistical software such as SPSS to increase retention rates by 7%.
- Created interactive dashboards using Excel, Cognos, SPSS, and Tableau, resulting in a 3% increase in enrollment rates and providing actionable insights to support decision-making.

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MeritDirect | Rye Brook, NY

## Senior SQL Server Developer

07/2018 – 09/2019

- Developed C# applications to automatically analyze and bulk load CSV files at the byte level, fixing errors like erroneous embedded text qualifiers or missing records, resulting in a 35% decrease in processing speeds.
- Built and maintained ETL packages using Microsoft SSIS and SQL scripts to extract, transform, and load CSV files with over 50 million records, supporting the maintenance of a data warehouse that stored and managed more than 7 billion records for over 100 clients.
- Presented new software solutions to upper management via PowerPoint, leading to the purchase of PowerGrep software, and the subsequent re-engineering of the SQL script maintenance process, resulting in a 30% reduction in manual work.

Journal Technologies | Englewood, CO

## Data Conversion Specialist

01/2017 – 06/2018

- Successfully led and completed the first-ever data migration from a case-centric to a person-centric system for the Municipal Court of Fort Worth, Texas, resulting in the seamless transition to an enterprise case management system.
- Revived and launched a stalled data migration project for the Municipal Court of Sandy Springs, Georgia by converting a colleague's Java-based API code into SQL, and implementing the tSQLt unit testing framework, resulting in an over 80% reduction in project runtime and the successful completion of the migration.

## EDUCATION

- **Master of Science in Data Analytics**, Colorado State University Global, Aurora, CO (2021)
  - ✚ **Specialization in Artificial Intelligence and Machine Learning**
  - ✚ **GPA: 4.0**
- **Programming Specialist and Software Developer Certifications**, Red Rocks Community College, Lakewood, CO (2016 – 2017)
  - ✚ Recognized by instructor Dr. Julie Schneider for exceptional achievement in creating a highly efficient and high-quality C++ application with a well-designed user interface.
  - ✚ **GPA: 4.0**
- **Bachelor of Arts in Psychology**, cum laude, University of Maryland, Baltimore County (UMBC), Baltimore, MD (2009)

## CERTIFICATIONS

- **Applied Data Analytics**, SAS and Colorado State University Global (December 2020)
- **Business Intelligence and Performance Management**, SAS and Colorado State University Global (December 2020)
- **Predictive Analytics Management**, SAS and Colorado State University Global (December 2020)

## TECHNICAL ACUMEN

<b>Programming Skills</b>	Bash • CSS • C • C++ • C# • HTML • Java • Python • R • SAS • SQL • YAML
<b>Software Applications</b>	Docker • Git • Kubernetes • Microsoft Azure • Microsoft Office Suite • RStudio • SPSS • SSIS • SSMS • Tableau • VIM • Visual Studio • VSCode
<b>Operating Systems</b>	Linux/Unix • MacOS • Windows
<b>Database Management</b>	Amazon Redshift • Oracle • PostgreSQL • SQL Server