SCOTT MINER

Phone: 720.660.7204 **Email:** scott.miner@csuglobal.edu
Website: https://scottminer.netlify.app

DATA SCIENCE ENGINEER - SCOTT MINER
Focus of Interest: *Artificial Intelligence ~ Data Analytics ~ Machine Learning*

Core Competencies

Artificial Intelligence · Business Analytics · Data Analytics · Data Mining · Data Science · Data Warehousing · Deep Learning · ETL · Expert Systems · Knowledge Engineering · Machine Learning · Natural Language Processing · Neural Networks · Object-Oriented Programming · Process Automation Predictive Analytics · Software Engineering

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:

- Chatbots
- Computer Vision
- Deep Learning
- Feature Engineering

- Hyperparameter Tuning
- Machine Learning
- Natural Language Processing
- Predictive Analytics

- Recommender Systems
- Regression Analysis
- Statistical Modeling
- Transfer Learning

RELEVANT EXPERIENCE

Echo Global Logistics | Chicago, IL

Data Science Engineer   January 2022 – Present

- Design, develop, and maintain language-agnostic, RESTful APIs in an agile-scrum environment
- Orchestrate the deployment, scaling, and management of Docker containers using Kubernetes to separate monolithic applications into microservices, improving developer workflow and increasing application scalability
- Work with 20+ cloud platform engineers, data scientists, internal and external stakeholders, and other technologists across the business

Key Achievements:

- ✓ Architect and implement a High-Performance Computing (HPC) solution that utilizes Amazon Web Services distributed, parallel-processing infrastructure, including Batch, ECR, ECS, and S3, reducing model training times by 97%, from over 9 hours to under 15 minutes
- ✓ Create and maintain automated CI/CD pipelines for code deployment using Microsoft Azure, Bash, and Python scripts, automating the deployment process, eliminating 70% of manual work, and escalating work efficiency

Community College of Aurora| Aurora, CO

Data Analyst   February 2020 – June 2021

- Created interactive dashboards using Cognos, Excel, SPSS, and Tableau to increase enrollment rates by 3%
- Collaborated with internal stakeholders to perform cohort analysis and identify opportunities to increase retention rates

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MeritDirect | Rye Brook, NY

SQL Server Developer   July 2018 – September 2019

- Built and maintained ETL packages using Microsoft SSIS and SQL scripts to extract, transform, and load CSV files containing upwards of 50 million records

- Developed C# applications to extend the capabilities of ETL solutions, improving processing speeds by 35%

- Engineered the script maintenance process for more than 1,000 SQL scripts, reducing 30 hours of manual work per week

- Maintained a data warehouse containing more than 7 billion records that served more than 100 clients

Journal Technologies | Englewood, CO

Data Conversion Specialist   January 2017 – June 2018

- Employed source-to-target mapping documentation to gather user requirements for all migration entities

- Established a foundation on which to migrate legacy databases into enterprise case management systems

- Optimized API code using C#, SQL, and XML scripts to automate the data migration process, reducing project runtimes by 99%

EDUCATION

Colorado State University Global | Aurora, CO

Master of Science in Data Analytics; concentration in Artificial Intelligence and Machine Learning, 2021 (GPA: 4.0)

Red Rocks Community College | Lakewood, CO
Programming Specialist Certification, 2017 (GPA: 4.0)
Software Developer Certification, 2016 (GPA: 4.0)

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

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

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