

Scott Miner

AI & Machine Learning Specialist | Lead Software Developer & Data Architect

📞 720.660.7204 | ✉️ scott.miner.data.scientist@gmail.com

🌐 [Data Harmony](#) | 🐙 [GitHub: sminerport](#)

LEAD DATA SCIENTIST WITH MACHINE LEARNING FOCUS

Key Interests: *Advanced Analytics & Insights ~ Cross-Platform Development ~ Strategic IT Solutions*

Core Competencies

Advanced Troubleshooting and Problem Resolution · AI-Driven Strategy Development · Complex Data Interpretation and Analysis · Machine Learning Algorithms and Applications · Predictive Modeling and Data Mining · Research and Development in Database Design · Statistical Analysis and Data Reconfiguration · Technical Project Leadership

PROFESSIONAL SUMMARY

Accomplished Data Analyst, Systems Architect, and AI/ML Engineer with a proven track record in system design, AI, and machine learning. Specializes in driving significant efficiency improvements, data integration, and advanced analytics. Demonstrated success at Echo Global Logistics and MeritDirect with quantifiable achievements in reducing manual workloads by 50% and enhancing data processing efficiency by 30%. Proficient in ETL optimizations and developing scalable software solutions that significantly improve business operations and decision-making processes. Committed to leveraging deep technical expertise to deliver innovative and practical results in data-intensive environments.

- Advanced Analytics Architect
- Operational Efficiency Driver
- Data Systems Leadership
- Proactive Problem Solver
- Machine Learning Expertise
- Strategic Innovation in AI

RELEVANT EXPERIENCE

Vibrant Emotional Health | New York, NY

Data Analyst/Data Librarian

August 2022 – Present

- **Innovative Data Integration and Analysis:** Orchestrate GitHub integration with internal systems and leverage R for advanced analytics across the 988 Lifeline, expected to cut dataset delivery times by 30% and reduce staff workload by 20%, thereby streamlining research processes.
- **Strategic Data Management and Compliance:** Developing and enforcing stringent data management protocols expected to enhance patient privacy by reducing data breaches by 30% and minimizing unauthorized disclosures by 20%. These initiatives are anticipated to support critical mental health research and outreach programs.

Echo Global Logistics | Chicago, IL

Data Science Engineer

January 2022 – January 2023

- **CI/CD Automation and Infrastructure:** Spearheaded the automation of CI/CD pipelines using Microsoft Azure, Bash, and Python, reducing manual workload by 50% and increasing deployment speeds by 40%. This overhaul significantly enhanced system scalability and reliability, ensuring robust software delivery and supporting a 35% increase in overall operational efficiency.
- **Systems Development Collaboration:** Collaborated with engineers and cloud specialists to develop and refine scalable infrastructures and RESTful APIs using Python. Transformed user requirements into robust code, leading to a 30% increase in the accuracy of truckload cost quoting and queue models. These enhancements significantly boosted operational efficiency and were instrumental in winning the 2022 Excellence in Analytics Award.

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Community College of Aurora | Aurora, CO

Data Analyst

February 2020 – June 2021

- **Advanced Analytics for Retention:** Utilized Excel and Cognos for advanced analytics, identifying key retention drivers and developing targeted intervention strategies. These efforts led to a 10% increase in student retention within the academic year, directly influencing policy and resource allocations.
- **Geographic Enrollment Analysis:** Directed the creation of multiple Tableau dashboards to dissect enrollment trends by zip code, yielding a 20% increase in enrollment from targeted areas, which directly contributed to a 15% overall growth in student numbers for the fiscal year.

MeritDirect | Rye Brook, NY

Senior SQL Server Developer

July 2018 – September 2019

- **Advanced ETL and Data Management:** Developed and optimized ETL processes for handling up to 50 million records per file with Microsoft SSIS and SQL, enhancing data processing efficiency by 30%. Advocated for and integrated PowerGrep for regex-based script updates, further streamlining operations.
- **Innovative Software Solutions:** Developed multiple C# scripts within SSIS to pinpoint and automatically correct file errors at the byte level, reducing error rates by 40% and cutting data processing time by 25%. Further enhanced SSIS packages and implemented advanced data cleaning stored procedures, boosting system throughput by 30%.

Journal Technologies | Englewood, CO

Data Conversion Specialist

January 2017 – June 2018

- **Data Migration Leadership:** Directed the transition from a case-centric to a person-centric system at the Municipal Court of Fort Worth, Texas, ensuring seamless integration and enhancing case management efficiency by 20%, thereby reducing process times and increasing case throughput.
- **Technical Project Revitalization:** Rescued and completed a stalled data migration project for the Municipal Court of Sandy Springs, Georgia, by converting existing Java-based API code into SQL and integrating the tSQLt unit testing framework, resulting in over an 80% reduction in project runtime.

EDUCATION & CERTIFICATIONS

- **M.S. in Data Analytics, Specialization in AI & ML**, Colorado State University Global, 2021 (GPA: 4.0)
- **B.A. in Psychology**, cum laude, University of Maryland, Baltimore County, 2009
- **Programming Specialist & Software Developer Certifications**, Red Rocks Community College, 2017 (GPA: 4.0)
- **Certifications:**
 - Applied Data Analytics, SAS and Colorado State University Global, 2020
 - Business Intelligence & Performance Management, SAS and Colorado State University Global, 2020
 - Predictive Analytics Management, SAS and Colorado State University Global, 2020