

# SCOTT KOSKOSKI

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## SUMMARY

Data scientist & full-stack engineer (5+ years) delivering ML, NLP, and optimization in retail, e-commerce, & pharma logistics. Built GPU-accelerated freight platform for 1MM+ shipments, enabling multimillion-dollar savings, and a RAG system on 150k records using BGE embeddings. M.S. CS (in progress), M.A. Economics. Expert in Python, SQL, and cloud deployment; proven record of translating data into business impact.

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## TECHNICAL SKILLS

<b>Languages &amp; Databases</b>	Python · SQL · JavaScript/TypeScript · R · C/C++ · SQL Server · PostgreSQL · Oracle · SQLite
<b>ML &amp; Data</b>	PyTorch · Transformers (BERT) · scikit-learn · XGBoost · LightGBM · CatBoost · Pandas · NumPy · PySpark · TensorFlow · FAISS · RAG · Polars · Statsmodels
<b>Cloud &amp; DevOps</b>	Azure (VMs, Functions, Blob, ML) · AWS (S3, EC2, Lambda) · Docker · Git · Jira/Confluence
<b>Web &amp; Visualization</b>	Flask, FastAPI, React, REST/JSON, Tableau, Matplotlib, ggplot2

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## PROFESSIONAL EXPERIENCE

**GREEN MOUNTAIN TECHNOLOGY** · Memphis, TN (Remote)

*Solutions Engineer II* → *Senior Solutions Engineer (Data Scientist)* | Oct 2022 – Mar 2025 | Apr 2025 – Present

- **Architected** a Cost Efficiency Index (CEI) platform ingesting LTL freight data from 6+ SQL Server DBs and training 5 GPU-accelerated models on 1MM+ records with automated hyperparameter tuning.
- **Delivered** a minutes-to-insight workflow adopted by 6 enterprise shippers, replacing multi-day analyses with real-time freight-cost optimization.
- **Engineered** Python anomaly-detection, cutting manual monitoring 10+ hrs/week and boosting data reliability 35%.
- **Led** RFP analyses and optimized ETL pipelines (-40% runtime), enabling negotiations that reduced client spend 15% annually.

**AUTOZONE** · Memphis, TN (Hybrid)

*Data Analyst* | May 2022 – Oct 2022

- **Optimized** product-assortment algorithms via statistical analysis (Python, SAS, SQL), improving inventory efficiency 12%.
- **Designed** A/B-test frameworks across 5k+ stores and built causal & multivariate models to surface performance drivers.

**GREEN MOUNTAIN TECHNOLOGY** · Memphis, TN (Remote)

*Solutions Engineer I (Data Analyst)* | Aug 2020 – Apr 2022

- **Built** Tableau supply-chain dashboards on complex SQL for Fortune 500 shippers, elevating operational insight.
- **Automated** freight-rating scripts in Python, cutting workload 25% and eliminating manual errors.

**TRANSUNION COMMERCE SIGNALS (fka Verisk Financial Argus)** · White Plains, NY

*Analytics Associate – Merchant Analytics* | Jun 2019 – Jul 2020

- **Forecasted** revenue with ARIMA & GAM models (92% accuracy) and deployed ML pipelines in R & Python.
- **Tuned** SQL queries across 15+ PB of transaction data and built interactive Tableau dashboards, delivering real-time insights.

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## EDUCATION

**M.S. Computer Science** — University of Tennessee, Knoxville | *Anticipated May 2026*

**M.A. Economics** — University of Memphis | *May 2019*

- Outstanding Economics Graduate Student 2019 · Winner, Wells Fargo Analytics Challenge

**B.A. Economics, Minor Mathematics** — University of Arkansas, Fayetteville | *May 2017*

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## SELECT PROJECT HIGHLIGHTS

- **RAG-Lab** – Retrieval-augmented Question-Answering (QA) System – End-to-end FastAPI service answering U.S. employment-and-wage questions using FAISS vector search (BGE-large embeddings, 149k records) and DeepSeek-V3 LLM; delivers cited, intent-aware responses with < 200 ms vector lookup.
- **Gardening App** – Full-stack React/TypeScript frontend & Flask backend with JWT auth; provides location-based plant recommendations via USDA & weather APIs and persists data in SQLite.