

# Michelle Griffith

## Machine Learning Engineer | Full Stack Data Scientist

*I do all my own ~~stunts~~ engineering*

I am a data scientist and machine learning engineer who builds and ships end-to-end ML systems, from problem framing and data pipelines through model training, fine-tuning, production deployment, monitoring, and interpretable outputs that prioritize real users. I am pursuing an M.S. in Computer Science with a Machine Learning specialization and am motivated by building trustworthy, transparent technology that improves the human experience. In parallel, I am an entrepreneur, building and operating independent ventures across applied AI, community theatre, and consumer-facing ecommerce brands and creative product businesses.

**Languages:** Python, SQL

**Skills and Tooling:** Distributed Computing (AWS), Containerization (Docker, ECR), Orchestration (Kubernetes, EKS), Data Warehousing (Snowflake, Databricks), Model Monitoring (MLflow, Streamlit), Redis

## RELEVANT EXPERIENCE

**BambooHR**, Salt Lake City, UT — *Data Scientist* — *April 2024 to Present*

- Deployed revenue-impacting ML pipelines for fraud detection and propensity scoring, improving sales adoption through advanced model tuning, feature engineering, and LLM-driven insights.
- Automated Salesforce–Databricks pipelines to scale customer and revenue analytics.
- Established production-grade MLOps with Docker and Kubernetes, later migrating to Databricks Asset Bundles.

**Divvy Homes**, San Francisco, CA — *Data Scientist I & II* — *Feb 2022 to Sept 2023*

- Built end-to-end lead scoring systems to improve sales funnel efficiency and prioritization.
- Developed AutoML pipelines in Vertex AI for asset lifetime value prediction.

**Maxar Technologies**, Westminster, CO — *AWS Cloud Support Engineer* — *May 2021 – Feb 2022*

- Automated AWS compliance checks and infrastructure optimization using Python and boto3, delivering measurable cost savings.

**National Renewable Energy Lab**, Golden, CO — *Commercialization Intern* — *May 2010 – Nov 2012*

- Supported cleantech entrepreneurs through industry partnerships, market research, and lab commercialization programs.

## EDUCATION

**Georgia Institute of Technology** – *M.S. Computer Science (Machine Learning), Expected 2028*

**Colorado School of Mines** – *B.S. Engineering Physics, Cum Laude (2014)*