

Garrett Schumacher

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Professional Summary

Product-focused data analyst with operations background and data engineering capabilities. Building production analytics systems (ETL pipelines, dimensional models, ML frameworks) that connect customer data to business insights. Translating stakeholder requirements into technical solutions through SQL, Python, and cross-functional collaboration.

Skills

- **Data Engineering** – ETL/ELT pipelines, Apache Airflow orchestration, Apache Beam processing, dbt transformations, data modeling, Pydantic validation, modular architecture, YAML/Jinja templating
- **SQL & Cloud Warehousing** – BigQuery, SQLite, dimensional modeling, star schema design, query optimization, cloud-native data warehousing
- **Python** – Pandas, Polars, NumPy, SciPy, Pydantic, data transformation, automation
- **ML & Analytics** – Regression modeling, MLflow experiment tracking, SHAP explainability, statistical validation, model benchmarking, performance evaluation
- **Data Visualization & BI** – Tableau, Looker Studio, Plotly, stakeholder dashboards, data storytelling, interactive reporting
- **Google Cloud Platform** – BigQuery, Looker Studio, Cloud Storage, Cloud Run, Dataflow, IAM, workspace administration, cloud-native architecture
- **Business Operations** – Process optimization, reporting systems, cross-functional leadership, stakeholder communication, workflow improvement

Education & Certifications

- **Google Cloud Engineer Certification** – In Progress (Expected 2025)
- **Google Advanced Data Analytics Professional Certificate** – Coursera (2024)
- **Google Business Intelligence Professional Certificate** – Coursera (2024)
- **Google Data Analytics Professional Certificate** – Coursera (2024)
- **University of Wisconsin – Madison**, B.A. Mass Communication & Journalism

Professional Experience

Founder & Data Systems Developer | GS Analytics

Remote | Jul 2024 – Present

Independent practice building production data systems and analytics infrastructure. Operating Google Cloud Platform workspace with publicly available portfolio demonstrating end-to-end capabilities from data generation through ML evaluation.

- **Production ETL/ELT Pipelines** – Modular data pipeline architecture with extraction, transformation, loading workflows, data quality validation, and extensible component design
- **Dimensional Data Modeling** – Complete analytics environment with synthetic data generation and SQL-based analysis scenarios for customer behavior and sales performance
- **ML Model Evaluation Framework** – Regression model benchmarking system with MLflow experiment tracking, and automated performance comparison reporting
- **Agentic AI Workflow Automation** – MCP-integrated system with profile-based permission management and governance controls (in development)
- **Google Cloud Platform:** BigQuery, Looker Studio, Cloud Storage, Cloud Run, Dataflow, IAM, workspace administration

Stack: Python (Pandas, Polars, SciPy, Pydantic, SQLAlchemy, scikit-learn), SQL, MLflow, FastAPI, FastMCP, Apache Airflow, Apache BEAM, dbt, DuckDB, Google Cloud Platform

Customer Fulfillment Specialist | Zoro Tools

Janesville, WI (Hybrid - 2 days/week WI office) | Jan 2025 – Present

- Supporting customer operations and order fulfillment for e-commerce platform
- Applying data-driven problem solving to customer inquiry resolution and process improvements
- Building domain knowledge in retail operations, customer journey, and business workflows

Commercial Account Manager | Advance Auto Parts

Madison, WI | Feb 2023 – Jul 2024

- Managed \$5M annual sales territory across six locations, leveraging sales data to identify performance gaps and optimize strategies
- Analyzed customer trends to improve retention and grow accounts
- Partnered with leadership to align reporting and operational processes across multiple teams

General Manager | Food Fight Restaurant Group

Madison, WI | Feb 2021 – Jun 2022

- Directed operations for \$1.5M business, integrating reporting systems to track KPIs and labor efficiency
- Developed performance dashboards for 20+ staff to improve accountability and scheduling accuracy
- Applied data-driven insights to reduce waste and increase profitability

Beverage Programs Director | Loyal Legion Beerhall

Portland, OR | Jun 2015 – Aug 2020

- Oversaw \$3M in annual revenue and managed product/marketing analytics to optimize beverage sales mix
- Built workflows and reporting systems to improve efficiency and inventory tracking
- Used customer and sales data to refine product strategy and drive sustained growth