Benjamin Engen

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WORK EXPERIENCE

The Zebra   **09/2022 - Present**
Staff Analytics Engineer   **Austin, TX (Remote)**

- Promoted within one year to become The Zebra's first Staff Data Engineer and the Data Team's chief technical liaison to the rest of the company.
- Kicked-off and oversaw a year-long, master data management initiative to unify user data under a single profile, creating a 20% improvement in user acquisition attribution.
- Redesigned the data warehouse architecture within 18 months, transitioning from ad-hoc models to standardized data products, enhancing data accessibility and reliability.
- Worked to create and maintain a process for optimizing and cutting Snowflake compute that led to a 30% reduction in Snowflake compute costs within six months of deployment.
- Developed a data product strategy and analytics roadmap for the adoption of a suite of business-facing Looker Explores and visualizations built around the Metric Tree framework.

Senior Analytics Engineer   **Austin, TX (Remote)**

- Accountable for the data governance effort to improve operational efficiency, and standardize the data structures and coding practices for the entire data pipeline.
- Led a two-month, cross-functional effort collaborating with our finance stakeholders to audit our financial data and eliminate reporting errors in advance of our annual audit.
- Created systems to improve data quality through the implementation of data validation, end-to-end testing, monitoring, alerts, and access controls in our dbt repository.

Remote Year   **04/2021 - 09/2022**
Director of Data Science

- Built the data infrastructure from scratch, creating a centralized data warehouse, metrics layer, and data visualizations for business intelligence and reporting in one year.
- Led the technical execution of implementing scalable solutions consisting of Fivetran, custom Python, dbt, Tableau, and other tooling to turn raw data into key metric reporting.
- Managed projects to implement industry standards and best practices for data modeling, access, documentation, and ensured compliance with security and GDPR regulations.

Constellation Marketing, Analysis & Research   **08/2009 - 04/2021**
Consultant   **Denver, CO**

- Over the course of a decade, my team and I helped over 140 partner clients develop and maintain scalable data and analytics stacks to drive outcomes in product and marketing.
- Led projects to create high performance, large scale technical solutions that allowed clients to convert their big data assets into curated datasets that met strategic needs.

SKILLS

Business Intelligence & Analytics: Google Analytics, Looker, Mode, Tableau

Cloud: Amazon Web Services (AWS), BigQuery, Docker, Google Cloud Platform (GCP), Snowflake

Data Tools: Apache Airflow, dbt, Fivetran, Github, MonteCarlo, Prefect

Languages: GIS, HTML, PySpark, Python, SQL

Machine Learning: Machine Learning, NumPy, Pandas, SciKit Learn, Sentiment Analysis (NLP)

Platforms: Hubspot, Marketo, SalesForce, Segment

EDUCATION

Masters of Business Administration (MBA) • University of Colorado at Boulder

Bachelor of Arts (BA) in Political Science, Economics, Mathematics • University of Colorado at Boulder