MATT PALMER

(828)·335·4375 ◇ mattppalmer@gmail.com ◇ https://www.linkedin.com/in/matt-palmer/

EXPERIENCE

Data Engineer — October 2022 - Present
Underline — *Remote*

· Built an end-to-end pipeline to extract and load U.S. Census data to Amazon Redshift, using Airflow Taskflow and Dynamic Task Mapping.
· Took DataOps from 0→1, implementing an end-to-end data stack for ingestion (Airbyte & REST APIs), storage (S3, Redshift), transformation (dbt Core), and analysis (Metabase).

Analytics Engineer, Product — June 2021 - October 2022
AllTrails — *Remote*

· Served as the company's first Product Analyst, providing sole support to a 100+ person org. Assisted in the onboarding of the Director of Analytics and 5+ teammates.
· Researched and provided exploratory analysis on a bi-weekly cadence to inform product improvements pertaining to conversion, engagement, and retention.
· Improved data modeling and created views using our dbt-like pipeline tool (Google Dataform— SQL/JavaScript). Played a key role in the refactor of our purchases pipeline.
· Pioneered improvements in event metadata tracking and implementation. Assisted in doubling both the absolute number of events and the total count of events fired in under 3 months.

Analytics Engineer — January 2020 - June 2021
Storyblocks — *Arlington, VA*

· Worked across teams with engineers, product managers, and designers to build and launch new products, design A/B Tests, and formulate OKRs.
· Helped maintain our ETL & Attribution infrastructure, assisting in the redesign of both platforms.
· Designed and built SCD Type-2 table to log user-id changes using Databricks Delta Lake and structured streaming.
· Built a system for creating and refreshing external and materialized views using Databricks and Redshift Spectrum.

Debt Valuation Analyst — July 2018 - December 2019
Chatham Financial — *Kennett Square, PA*

· Aggregated and cleaned data on CRE debt and lending rates. Worked with statistical and graphical tools to analyze, mutate, and present information.
· Leveraged Python & Excel to assist teammates and improve workflow efficiency.

PROJECTS

(2023) FCC Broadband Scraper: Constructing a scraper for programmatic access the FCC Broadband Fabric.

(2022) Anomaly Detection: Built a programmable, bespoke anomaly detection system for Google BigQuery using Facebook's Prophet library, the Slack API, and GitHub Actions.

(2022) Hiking Time-Estimate Model: Implemented and subsequently refactored a hiking time-estimate model adapted from research performed at the University of Utah by fitting Gaussian Curves to segment geo-data.

FORMAL EDUCATION

Swarthmore College — August 2014 - May 2018

Majors: Physics & Economics, *GPA - 3.7*
Relevant courses: Stat-mech, Quantum, Analytic- & Electro-dynamics, Linear Algebra, Differential Equations
Research: Econometrics; plasma & nuclear physics.
Sports: Baseball— Led team to 1st conference/regional championship & 1st NCAA Tournament appearance.

TECHNICAL SKILLS

SQL	Databricks	Google Cloud Platform	Event Governance
Git/Github Actions	Looker	Dimensional Modelling	A/B Testing
Python/Jupyter	Dataform (dbt)	Redshift/Postgres	