MATT PALMER

(828)·335·4375 ⋄ hello@mattpalmer.io ⋄ https://www.linkedin.com/in/matt-palmer/

EXPERIENCE

Developer Success Engineer   June 2023 - Present
Mage   *San Jose, CA*

· Building the modern replacement for Airflow.

Data Engineer   October 2022 - June 2023
Underline Infrastructure   *Remote*

· Built pipelines to extract, load, and transform data using modern data stack tools.
· Took DataOps from 0→1, implementing an end-to-end data stack for ingestion, storage, transformation, and analysis.
· Built a data environment from scratch, implementing CI/CD, assertions, testing, and dev environments.

Product Analyst & Analytics Engineer   June 2021 - October 2022
AllTrails   *Remote*

· Sole analytics support of a 100+ person org for 6+ months. Onboarded the Director of Analytics and 6 teammates.
· Provided exploratory analysis to inform product improvements with a focus on conversion, engagement, and retention.
· Pioneered improvements in event tracking. Doubled the absolute number and the total count of events in under 3 months.

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

· Worked cross-functionally to build and launch new products, design A/B Tests, and formulate OKRs.
· 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*

· Worked with statistical and graphical tools to analyze, mutate, and present information on commercial real estate.
· Leveraged Python & Excel to assist teammates and improve workflow efficiency.

PROJECTS

(2023) Automating Data Transformation: Ghost author of O'Reilly-published report for Coalesce.io.

(2023) Outdoor Recommendation App: A lightweight application built using Streamlit and the OpenAI API which provides recommendations for local outdoor activities.

(2023) FCC Broadband Scraper: Constructed a scraper for programmatic access the FCC Broadband Fabric by reverse engineering Mapbox vector tiles and slippy map tile coordinate encoding.

(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.