## HARRISON PALMER

LinkedIn

(512) 767-5661

Results-driven data engineer adept at crafting efficient data pipelines and infrastructure.

## **Skills**

Languages: Python, SQL, LookML, JavaScript

ETL: dbt, AWS Glue, Snowpark, Azure Synapse, Azure Data Factory, Fivetran

Technologies: Airflow, Docker, Terraform, Snowflake, AWS, Azure, Kafka, Git, Looker

## **Work Experience**

**Data Engineer II** ShiftKey June 2023 - Present

ShiftKey is the largest marketplace for healthcare professionals with facilities using technology

Remote

- Build and deploy docker containers to AWS (EC2, Fargate, Lambda) to enable data science inferencing, machine learning workloads, and both internal/external API endpoints
- Spearhead migration to a real-time streaming (Kafka) architecture from MySQL, reducing latency by 90%
- Lead the transformation efforts and maintenance on a dbt project with 1200+ models per environment, utilizing best practices to produce efficient pipelines in conjunction with Fivetran and python
- Administer a Snowflake instance (RBAC, masking, monitoring) as well as oversee performance and cost optimization efforts, successfully reducing overall Snowflake spend by 20% while increasing data accessibility
- Implement scalable infrastructure using Airflow, AWS Lambda, and Bitbucket pipelines to enable CI/CD best practices across a team of eight data engineers, including linting, QA environments, and automated testing

#### Analytics Engineer ShiftKey **July 2022 – June 2023**

- Developed machine learning models spanning recommendation, customer clustering, and sales forecasting
- Led a complete overhaul of the company-wide Looker instance and LookML, reducing ad-hoc requests by 60%
- Automated business processes to free upwards of 400+ man hours per month across key business units

# **Business Intelligence Analyst Business Intelligence Intern**

**Amherst Residential** 

June 2021 – July 2022 June 2020 - August 2020

Amherst is a vertically integrated RE private equity firm with over \$16B in AUM

- Leveraged python, scikit-learn, and XGboost to generate analyses and ML models with visualization via Tableau
- Sourced, transformed, and queried disparate data across a MS stack via SSIS, SSRS, SSMS

### **Education and Certifications**

•	B.B.A. with High Honors in Finance	, University of Texas at Austin	(GPA: 3.97)	2018 – 2021
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**AWS Certified Cloud Practitioner** 2024

## **Projects**

"National Day of" Zoom Background Changer	<u>GitHub</u>
AWS Serverless Stack, Terraform (IaC), Lambda, DynamoDB	GitHub

## **Additional Information**

- Interests: Climbing, whitewater kayaking, restoring vintage motorcycles, guitar
- Work Eligibility: Eligible to work in the U.S. with no restrictions

GitHub