**Matthew Rockey**

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**PROFESSIONAL SUMMARY**

I am a data enthusiast that possesses hands-on experience with software development, data science, and data engineering. As a lifelong learner, I continue to sharpen my engineering skills by building side projects, readings whitepapers, and seeking unique experiences. These pursuits have steered me in the direction of working for innovative technology companies that not only identify difficult engineering problems but solve them.

**EDUCATION**

**Master of Science in Data Science and Analytics *Graduated:* May 2023**

University of Missouri – Columbia ***GPA*: 3.96/4.00**

**Bachelor of Science in Information Technology *Graduated:* May 2021**

University of Missouri – Columbia ***GPA*: 3.91/4.00**

**TECHNICAL SKILLS AND ABILITIES**

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| --- | --- | --- |
| **Coding Languages:** | **Data Tools:** | **Data Skills:** |
| * Python * JavaScript * R * SQL | * RDBMS & NoSQL * AWS, GCP, & Azure * Looker, Tableau, & Power BI * Data Build Tool (DBT) | * ETL Pipelines * API Integrations * Snowflake (EDWs) * Machine Learning |

**WORK EXPERIENCE**

**Data Engineer,** Austin, Texas **05/2023 – Current**

*GovOS*

* Led the architectural design and implementation of an analytical system which utilized Amazon Web Service, Snowflake, DBT, Stitch, Singer and Tableau to aid in cross-departmental decision making
* Translated business propositions from stakeholders into quantitative queries and actionable reports
* Automated and scaled pipelines that processed structured and semi-structured data from various sources

**Analytic Engineer,** Austin, Texas **04/2022 – 05/2023**

*CrowdStreet*

* Facilitated the scaling of a data warehouse and pipeline processes using Snowflake, DBT, and Singer
* Created data models on various BI tools that simplified data exploration for non-technical users
* Designed and distributed dashboards for monitoring the performance of key metrics and processes

**Data Analyst,** Columbia, Missouri **06/2021 – 04/2022**

*MidwayUSA*

* Assisted with transactional and analytical database modeling, as well as data and ETL pipeline integration
* Created and maintained 200+ reports, dashboards, and KPIs for internal and external stakeholders
* Maintained predictive model for future sales, reducing forecasting time and effort

**Database Developer Contractor,** Columbia, Missouri **01/2021 – 06/2021**

*Odle Sales Inc.*

* Modeled and implemented a relational database to improve the speed of data processing and analysis
* Automated data cleaning and transformation using Python scripts, reducing manual data entry
* Created documentation of database schemas, relationships, and functionality for future reference

**Undergraduate Research Assistant,** Columbia, Missouri **09/2019 – 01/2021**

*University of Missouri - Columbia*

* Co-authored research papers pertaining to cloud and blockchain security mechanisms under NSF grant
* Orchestrated the development and deployment of scalable software on cloud infrastructure