Matthew Rockey

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PROFESSIONAL SUMMARY

I am a data enthusiast that possesses hands-on experience with software development, data engineering, and data science. Enrolled in an online master's program for data science and analytics with the goal of becoming a data engineer. Displays organizational and collaboration skills with a desire to further grow backend technical skills.

EDUCATION

Master of Science in Data Science and Analytics – Cloud Emphasis   *Graduation:* **May 2023**
University of Missouri – Columbia   *GPA*: **4.00/4.00**

Bachelor of Science in Information Technology   *Graduation:* **May 2021**
University of Missouri – Columbia   *GPA*: **3.91/4.00**

TECHNICAL SKILLS AND ABILITIES

Coding Languages:	Data Tools:	Data Skills:
▪ Python	▪ RDBMS & NoSQL	▪ ETL Pipelines (DBT)
▪ SQL	▪ AWS & Google Cloud	▪ Data Warehousing
▪ Java	▪ Looker & Power BI	▪ Cleaning & Visualization
▪ R	▪ Apache Airflow	▪ Machine Learning

WORK EXPERIENCE

Data Analyst, Austin, Texas   **04/2022 – Current**
CrowdStreet
- o   Evaluated and recommended efficiency improvement to our data pipelines and data warehouse schema
- o   Developed intuitive and logical LookML data models that simplified data exploration for non-technical users
- o   Designed and distributed Looker dashboards for monitoring performance of key metrics and processes

Data Analyst, Columbia, Missouri   **06/2021 – 04/2022**
MidwayUSA
- o   Assisted with transactional and data warehouse modeling, as well as ETL pipeline integration
- o   Created and managed 200+ Power BI reports, dashboards, and KPIs for internal stakeholders
- o   Developed and deployed predictive model for future sales, reducing forecasting time and effort

Database Developer Contractor, Columbia, Missouri   **01/2021 – 06/2021**
Odle Sales Inc.
- o   Designed and implemented a relational database that improved the speed of data processing and analysis
- o   Automated the ETL and cleaning process using Python scripts, reducing the need for manual data entry
- o   Maintained documentation outlining the database's schema, relationships, and functionality

Undergraduate Research Assistant, Columbia, Missouri   **09/2019 – 01/2021**
University of Missouri - Columbia
- o   Co-authored research papers pertaining to cloud and blockchain security mechanisms under NSF grant
- o   Orchestrated the development and deployment of scalable software and cloud infrastructure