Matthew Rockey

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PROFESSIONAL SUMMARY

Recent information technology graduate that possesses hands-on experience with software engineering, databases, and data science. Enrolled in an online master's program for data science and analytics with the goal of becoming a data scientist. Displays organizational and team collaboration skills with a desire to further grow technical abilities.

EDUCATION AND CERTIFICATIONS

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

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

Honors: Dean's List Recipient **Certifications**: Cybersecurity Certification – 2021
Mark Twain Scholar

SKILLS AND ABILITIES

Coding Skills:	Database Skills:	Data Science Skills:
▪ Python	▪ RDBMS/NoSQL	▪ Data Cleaning
▪ R	▪ ETL/Pipelines	▪ Data Visualization
▪ Java	▪ Data Warehousing	▪ Machine Learning
▪ SQL	▪ Apache Spark	▪ Statistics/Probability

WORK EXPERIENCE

Data Analyst, Columbia, Missouri **06/2021 – Current**
MidwayUSA
- o Performed data analysis on supply chain management, resulting in ~$500,000 of recovered product
- o Designed and deployed predictive model for future sales, reducing forecasting time and effort
- o Automated quantitative scorecard measures and KPI's to identify underperforming processes
- o Created and managed 300+ Power BI and SSRS reports and dashboards for internal stakeholders
- o Collaborated with upper management to develop company-wide data and report standards

Database Developer Intern, Columbia, Missouri **01/2021 – 06/2021**
Odle Sales Inc.
- o Developed and implemented a relational database that improved the speed of data collection and analysis
- o Wrote and maintained documentation outlining the database's technical design and functionality
- o Coded Python scripts to automate the ETL and data cleaning process, eliminating 80% of manual data entry

Undergraduate Research Assistant, Columbia, Missouri **09/2019 – 01/2021**
University of Missouri - Columbia
- o Researched and implemented innovative cloud, cybersecurity, and blockchain solutions under NSF REU grant
- o Orchestrated efficient large-scale software deployments, including feature testing and code reviews
- o Assisted in the creation of a novel DDoS anomaly detection mechanisms using data and network analysis
- o Co-authored and published 2 peer-reviewed papers pertaining to cloud and blockchain security mechanisms