DAKOTA RENNELS

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</> [Website](#) | [Github Repo](#)

PROFESSIONAL SUMMARY

Data Scientist possessing over six years of robust proficiency in Python, R, and SQL programming, augmented by extensive experience leveraging AWS, Azure, and Google Cloud platforms. My expertise extends to leadership in data strategy, data science, machine learning, and the development and deployment of AI systems. I have been honored to serve as a key technical resource on the Governor's AI Task Force, contributing significantly to formulating strategies, policies, and executive recommendations governing AI implementations across Oklahoma. Additionally, I currently hold the role of AI subject matter expert in Data Services, overseeing the successful deployment of cutting-edge technologies.

SKILLS

- Linux, Python, R, & SQL
- Hadoop, Hive, & Spark
- ANN, CNN, and RNN networks
- NLP, LLMs, and SLMs
- Flask API and Kubernetes Apps
- Azure, GCP, AWS
- Project Management
- Data Compliance
- Problem Resolution
- Strong Analytical Skills
- Adapt Data Science Mentor
- Strong Time Management
- Team Collaboration
- Strong Business Communication

EDUCATION

University of North Texas
Denton, TX • 12/2023

Master of Science: Advanced Data Analytics
- Deep Learning & AI Concentration
- Relevant Coursework: AI Systems, Deep Learning, Data Science, & Statistical Analysis
- 4.0 GPA

University of North Texas

WORK HISTORY

Office Of Management and Enterprise Services - **Data Scientist**
Oklahoma City, OK • 01/2022 - Current
- Appointed as a technical resource to the Governor's AI Task Force.
- Currently serving as the AI subject matter expert in Data Services.
- Pioneered the first-ever implementation of a Conversational GenAI chatbot in the United States public sector.
- Spearheaded AI & data-driven initiatives resulting in $2.2 million in cost savings for the state in fiscal year 2023.
- Experience with identifying and evaluating new data sources and abandoned siloes.
- Recognized for translating various business problems into successful AI and data science projects.
- Responsible for mentorship of junior data scientists and interns for a robust upskill and mentorship in various systems and processes.
- Collaborates closely with data analysts, database administrators, and data engineers to design end-to-end machine learning models.
- Proficient in creating impactful data visualizations to convey valuable insights.
- Constant development of random forest, SVM, and other ensemble models for time series analysis, forecasting, and anomaly detection.

Vail Resorts - **Sales Operations Specialist**
Broomfield, CO • 10/2020 - 01/2022
- Implemented Data Science processes and models for sales-based analytics.
- Performed quality assurance and risk management analysis of internal and external sales systems.
- Enhanced communication methods from the team and other departments.
- Developed improved competitive analysis methodology and coordinated

Denton, TX • 07/2022

Master of Science: Data Science
- Relevant Coursework: AI & Deep Learning, Data Science, & Statistical Analysis
- 4.0 GPA

University of North Texas

Denton, TX • 07/2022

Bachelor of Science: Data Analytics
- Graduated ranked 1 out of 1197
- President's Honor Roll: Spring 2022, Fall 2021
- Relevant Coursework: Computer Science, Data Science, & Statistical Analysis
- 4.0 GPA

University Of Oklahoma

Norman, OK

Bachelor of Science: Chemical Engineering
- Relevant Coursework: Engineering, Biochemistry, & Computer Science
- Alpha Sigma Phi Founding Member and Marshal
- Silver Wings President

Oklahoma City Community College

Oklahoma City, OK • 07/2016

Associate of Science: Applied Science
- Relevant Coursework: Computer Science, Economics, & Statistics

with marketing teams for new method training.
- Lead UAT testing for various e-commerce webpages and internal booking systems.
- Headed process modernization efforts through the implementation of CRISP-DM and DAMA-DMBOK II methodologies for transactional data reports.
- Identified process bottlenecks and inconsistencies to management, facilitating continuous process improvement.

Spirit Shop - **Business Manager (Innovation Lead)**

Norman, OK • 10/2015 - 06/2020

- Analyzed monthly data for sales and inventory trends.
- Implemented new technology for automated inventory management.
- Monitored day-to-day operations while actively managing project execution.
- Performed daily accounting, budgeting, and transactional analytics.
- Lead teams to provide optimal customer service and lead sales-based events.

CERTIFICATIONS
- Google Encoder-Decoder Architecture
- Google Generative AI for Developers
- AWS Certified Developer
- AWS Cloud Practitioner Certification
- IBM/Darden Title Specialization
- Six Sigma: Black Belt
- 30+ Data Science and Data Analysis Certifications