

Kamaal Bartlett

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Summary

Data Scientist with a Master's in Data Science and hands-on experience in developing ML algorithms and data-driven models. Proficient in Python and SQL, delivering measurable performance improvements. Demonstrated ability in extracting insights from large datasets and building predictive models, aligning well with requirements to develop and implement automated analytics.

Education

University of Denver

Master of Science, Data Science

- **GPA:** 3.88

Aug 2023 - Jun 2025

Youngstown State University

Bachelor of Science, Business Administration, Finance

- **GPA:** 3.71

Aug 2015 - May 2019

Experience

Data Annotation Tech

Data Scientist for AI

- Reviewed and improved 500+ AI-generated Python and C++ code, enhancing reliability and reducing model errors by 20%.
- Delivered actionable code quality insights as a senior reviewer, receiving an average score of 4.4/5.0.
- Provided expert-level feedback on version control workflows, collaborative coding practices, and debugging techniques, enhancing team efficiency and code quality.

Jun 2024 - Present

Remote

Extern

Data Analyst Intern

- Labeled and validated 5k+ smart contract vulnerability records with 99% accuracy, improving training data quality for blockchain risk models.
- Applied k-means clustering to detect hidden vulnerability patterns, informing automated monitoring tools that helped to reduce false positives by 13%.
- Designed visualizations in Tableau/Python to communicate findings, enabling stakeholders to prioritize high-risk vulnerabilities.

Jun 2024 - Jul 2024

Remote

Mercer

Financial Analyst

- Automated SQL queries to process multi-million-row healthcare datasets, reducing the manual analysis time required.
- Built predictive models for insurance premiums, identifying anomalies that helped states to align with healthcare providers on premium payments.
- Created dynamic dashboards using Excel and Tableau, which improved forecasting accuracy by 10%.

Jun 2022 - Jun 2024

Remote

Projects

Autonomous Navigation and Simultaneous Localization and Mapping (SLAM) Robot

- Developed a robot capable of autonomous navigation and real-time mapping, integrating a custom CNN with ROS and Gazebo.
- Optimized navigation algorithms, reducing mapping errors by 8% during simulated test runs.

NBA Predictions

- Built and deployed an automated NBA awards prediction pipeline integrating ML, deep learning models, and FastAPI.
- Achieved 90% accuracy in MVP predictions and reduced weekly model update time from 2 hours to 20 minutes through automated web scraping and retraining.

Blood Pressure Tracker

- Created a Django web app allowing users to log and visualize vitals, with integrated ML predictions for blood pressure trends.
- Automated model retraining with new user data, improving prediction accuracy by 12% over three months.

Skills

- **Programming & Tools:** Python, C++, Spark, Docker, Databricks, Linux, SQL, Render, Vercel, R, SAS
- **Data Science & Analytics:** Data Analysis, Machine Learning, Statistical Techniques, Data Visualization, Feature Vector Development, Descriptive Analytics, Predictive Analytics, Prescriptive Analytics, Quantitative Discipline, Deep Learning, Reinforcement Learning
- **Development & Cloud:** Cloud Development