Kamaal Bartlett

bartlettkamaal@gmail.com | GitHub | Portfolio | Medium | LinkedIn
Programming Languages & Tools: Python | C++ | Spark | Docker | Databricks | Linux | SQL | Render | Vercel

Education

University of Denver | Denver, Colorado *June 2025*

Master of Science, Data Science 3.88

Youngstown State University | Youngstown, Ohio *May 2019*

Bachelor of Science in Business Administration, Finance 3.71

Projects

Autonomous Navigation and Simultaneous Localization and Mapping (SLAM) Robot
A small robot capable of navigating a limited area autonomously while mapping its environment. The robot learns as it moves and visualizes this learning process by creating a map.
Tools used: ROS, Raspberry Pi, C++, Python, Docker, Keras, TensorFlow

NBA Predictions
End-to-end data science pipeline that scrapes the web for data and combines machine learning with deep learning to predict the MVP, DPOY, Scoring Leader, and Team wins for previous and upcoming seasons. This is a live project that has been deployed and updates as new data becomes available. Model results achieved accuracy scores of up to 90%.
Tools used: Python, Render, PyTorch, Scikit learn, Docker, TensorFlow

Blood Pressure Tracker
A Django web app that allows users to create an account, log vitals, and see blood pressure readings over time. Implemented a machine learning model to utilize world data and user data to predict and observe trends and averages over time. The app learns from new data entered and updates on a schedule to incorporate that new data into training.
Tools used: Django, Scikit learn, PostgreSQL, Render

Experience

Advanced Coder for AI, Data Annotation Tech | Freelance, Remote *June 2024 – Present*

- Designed diverse Python and C++ coding challenges to train AI and LLMs
- Evaluated and optimized code for correctness and efficiency across AI models
- Contributed to measurable improvements in chatbot performance through structured feedback

Financial Analyst, Mercer | Remote *June 2022 – June 2024*

- Extracted, cleaned, and analyzed large datasets (1TB) using SQL and Excel for reporting and modeling
- Built financial models to benchmark health insurance plans and flag anomalies
- Delivered actionable insights through data cleaning, trend analysis, and anomaly detection.