Jason Robinson Data Scientist | Machine Learning Engineer

Kansas City, MO | 816-824-0254 | robinsonjason761@gmail.com | GitHub | LinkedIn | Portfolio

TECHNICAL SKILLS

Programming Expertise: Python, C++, Linux, SQL, JavaScript, PostgreSQL, NoSQL, SAP BI, React, and Excel

Frameworks: TensorFlow, NumPy, HuggingFace, Pandas, Scikit-learn, PyTorch, Keras, Flask, Plotly, Tableau, MongoDB, Django, Fast AI, Scikit-Image, StatsModels

Software: AWS, Docker, Heroku, GCP, OpenCV, Streamlit, PV Works, Ennov Process, Oracle Developer

Skills: Deep Learning, Machine Learning, Prompt Engineering, Data Analysis, Computer Science, Web Scraping, Model Development and Deployment, MLOps, NLP, ETL, Management, Finance, Data Integration, Data Engineering, Data Governance

EXPERIENCE

Boehringer Ingelheim, St. Joseph, MO, *Senior PV Systems Data Analytics Specialist*   Nov 2022 - Present
- Provide statistical analysis in reporting to regulatory authorities
- Provide administrative support for the RPI process, including processing the requests
- Monitor PSUR activities within the workflow management software
- Support computerized system validation test script writing and execution

Phoenix Family, Kansas City, MO**,** *Data Specialist*   May 2021 – Nov 2022
- Automated ETL processes across millions of rows of data using Python and BI tools
- Integrated data from multiple Non-Profit APIs increasing funder donations by %13 in 2021
- Adhered to data governance to ensure compliance and integrity
- Prepared agency data for presentation to Board of Directors, Community Owners, Funders, and Stakeholders

Healthcare Services Group, Inc., Overland Park, KS, *Training Manager*   Dec 2016 - May 2021
- Onboarded and trained over 100 associates during tenure, inclusive of frontline staff and managers-in-training
- Increased employee retention by 35% through effective mentorship and conflict resolution
- Owned budget management, accurately processed payroll, & ensured compliance with state & federal regulations
- Received (2) 100 percent deficiency-free scores from KDHE and (1) 100 percent deficiency-free from HHS

PROJECTS

Scribble Stadium, *Data Scientist* GitHub, Project ● Data cleaning, Image preprocessing
- Developed custom Tesseract-OCR model training, Hyperparameter tuning

Twitoff, *Data Scientist* GitHub, Project ● Implemented web development techniques, and deployment to Heroku
- Developed TwitterAPI endpoints and user database using Flask and Postgres, predictive analysis

Airbnb Price Detector, *Data Scientist* GitHub, Project ● Developed NLP model using Spacy to assist with Sentiment Analysis ● Developed ANN model using TensorFlow-Keras for accuracy improvements

Kickstarter-Success, *Data Scientist* GitHub, Project ● Performed hyperparameter tuning with TensorFlow-Keras
- Developed endpoints and user database using Flask and Postgres, predictive analysis

EDUCATION

Lambda School, *Graduated, Data Science and Machine Learning Engineer Program* Jan 2020 - Oct 2021

Columbia College, *B.S. Business Administration; B.S. Human Resource Management* Jan 2010 - May 2015