MACHINE LEARNING

SUMMARY

Machine Learning (ML) Engineer and Team Leader with 9+ years of experience in managing machine learning lifecycles end-to-end in manufacturing and healthcare. Currently, overseeing the work of 3 ML and AI professionals to constantly find ground for improvement of both supervised and unsupervised learning algorithms - providing 150+ sustainable solutions. Apt at developing, building, and maintaining both ETL and ML pipelines to increase data accuracy and predictability by a 45% AVG. Perfectionist, always open to collaborate with data science and industry professionals to look outside current frameworks and discover 1k+ more working solutions for each individual problem.

SKILLS

Apache · Apache Hadoop · Cuda ·
Data Structures · Debugging ·
Docker · ETL · flask · Hadoop ·
Hive · HPC · JIRA · Kubernetes ·
lexisnexis · Machine Learning ·
Risk Assessment · Spark ·
Sprint Planning

Senior Machine Learning Engineer

📞 123 456-7890   @ l.montague@email.com   🔗 LinkedIn/Portfolio

📍 Alpharetta

EXPERIENCE

Senior Machine Learning Engineer
LexisNexis Risk Solutions

01/2018 - Present

Alpharetta GA

- Resolved complex CUDA code issues, increasing the stability of machine learning applications and reducing incidents of system crashes by 83%
- Headed a Docker-based system for real-time data processing, which handled 2TB of data daily, boosting processing speed by 22%
- Oversaw the automation of backlog grooming and sprint planning processes in Jira, saving 56 hours every month
- Designed a distributed machine learning framework on HPC clusters, reducing model training time from 14 hours to 7 hours for large-scale risk assessment models

Machine Learning Engineer
Equifax

01/2016 - 01/2018

Atlanta

- Led a team of 11 to optimize Hive data structures, which decreased query latency by 34% and significantly improved the performance of real-time analytics
- Introduced SSL certificate transparency logging, allowing real-time detection of unauthorized certificates and reducing the incidence of spoofing by 96%
- Proposed a predictive maintenance model for internal IT infrastructure, saving $23,517 in annual operational costs
- Implemented a Kubernetes resource quota management system that cut down the cost of cloud resources by 42%

Junior Machine Learning Engineer
Honeywell

01/2014 - 01/2016

Atlanta

- Automated the extraction, transformation, and loading (ETL) process using Apache Hadoop, boosting weekly data updates by 52% for Honeywell's smart grid analytics platform
- Developed a user preference prediction model, which improved personalized user experiences by 27.4% as per user engagement metrics
- Assisted in creating a Flask application logging system that centralizes logs from multiple services, allowing for quicker debugging and reducing downtime by 18%
- Built a demand forecasting application in Spark, lowering overstock costs by $1632 and improving stock-out rates for Honeywell's distribution centers

EDUCATION

Bachelor of Science in Computer Science
Georgia Institute of Technology

01/2013