MACHINE LEARNING

Senior Machine Learning Engineer

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

📍 Alpharetta

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.

EXPERIENCE

01/2018 - Present

Alpharetta GA

Senior Machine Learning Engineer

LexisNexis Risk Solutions

- 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

01/2016 - 01/2018

Atlanta

Machine Learning Engineer

Equifax

- 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%

01/2014 - 01/2016

Atlanta

Junior Machine Learning Engineer

Honeywell

- 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

SKILLS

Apache   Apache Hadoop   Cuda   Data Structures   Debugging   Docker   ETL   flask   Hadoop

Hive   HPC   JIRA   Kubernetes   lexisnexis   Machine Learning   Risk Assessment   Spark

Sprint Planning

EDUCATION

01/2013

Bachelor of Science in Computer Science

Georgia Institute of Technology