LUCIUS MONTAGUE

Senior Machine Learning Engineer

CONTACT

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(123) 456-7890 📞

Alpharetta, GA 📍

LinkedIn 🔗

EDUCATION

Bachelor of Science
Computer Science
Georgia Institute of Technology
2009 - 2013
Atlanta, GA

SKILLS

HPC clusters
CUDA
Apache Hadoop
Spark
Hive
Kubernetes
Docker
Flask
Jira
SSL

WORK EXPERIENCE

Senior Machine Learning Engineer

LexisNexis Risk Solutions

2018 - current / 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

2016 - 2018 / Atlanta, GA

- 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

2014 - 2016 / Atlanta, GA

- 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.