

Taylor Smith

Big Data Specialist

Collaborative data engineer skilled in ML and big data technologies. Leverages AWS to analyze data and deliver decision-making insights that drive clients' bottom lines.



KEY SKILLS

- Data architecture design
- Microsoft Azure
- Query optimization
- Machine learning



EDUCATION

B.S. in Mathematics | Columbia University, New York, NY
May 2021



PROFESSIONAL EXPERIENCE

Data Engineer

Alpha Analytics, New York, NY | June 2022 – Present

- Collaborate with the analytics team to design and execute scalable data pipelines that process 3 million+ data points daily
- Built a fraud-prediction model that decreased client losses by 65% using AWS SageMaker
- Assisted with an ML initiative for a global retail client, delivering on time and on budget
- Automated ingestion workflows in AWS Glue, cutting manual processing by 40%

Data Engineer

Lerner & Lehman Co., New York, NY | May 2021 – June 2022

- Implemented analytics on large datasets to improve cyber-threat models by 27%
- Developed 72 algorithms to enhance inventory accuracy by 45%
- Incorporated predictive analytics to forecast sales with 96% accuracy
- Migrated ETL jobs from on-prem to AWS Redshift, boosting query performance by 50%



CERTIFICATIONS

- AWS Certified Data Engineer, Associate, Amazon, July 2022