

M. Reece Lincoln

Head of Analytical Products



Perceptive and logical Full-Stack engineer with a Master's degree in Analytics from Georgia Tech and an undergraduate degree in Mathematics with minors in Computer Science, Financial Economics and Corporate Strategy from Vanderbilt University. Proven ability to communicate with both technical professionals and business executives to collaborate on company objectives and capabilities. Experienced in programming, machine learning and data/systems analysis along with contributing value through the automation of processes and turning data into actionable insights.

Work History

2018-07 to Current G2Lytics, Nashville, TN

Head of Analytical Products and Data Engineering (April 2023 – Present), Lead Machine Learning Engineer (April 2021 – April 2023), Data Analyst (July 2018 – April 2021)

- Participated in financing work and fundraising from current and potential investors while conducting demonstrations of the technology stack.
- Leader within the company on data analytics and data engineering needs while driving the performance of analytics solutions to impact overall business results while keeping costs in check.
- Assisted in determining what roles are most needed for the business, helped attract and source candidates, and selected candidates who best fit the company's needs at that point in time.
- Certified AWS Solutions Architect Associate with 5+ years of hands-on experience building in AWS Services.
- Created and maintained automated ETL pipelines, data ingestion processes, data storage and data quality practices by creating a Data Lake in AWS using TrasferFamily, Glue, EventBridge, S3, and KMS.
- Experience in deploying a serverless web application using API Gateway for routing, Lambda to run the analysis backend, and S3 to host the frontend.
- Lead an internal project for Department of Homeland Security (DHS) focused on detection of Trade-Based Money Laundering (TBML) instances utilizing advanced analysis and clustering conducted inside EC2 instances with Autoscaling for compute/memory needs of analysis.
- Further expanded the project to provide an analysis of international countries' risk of conducting TBML and developed the analytical approach.
- Generated additional initiatives focusing on Wildlife Trafficking transaction identification, Import Tax evasion, and Commodity misclassification.
- Implemented advanced machine learning models in collaboration with other Data Science team members to detect \$237 million in sales tax non-compliance from sales and use tax information with minimal false positives.
- Developed advanced graphic visualization concepts in Quicksight and/or D3.js to map and simplify analysis of heavily-numeric data and reports for upper management and government agencies.
- Experience working with Docker to construct a VM to deploy on-site for a client to conduct black box data analysis.

Education

2020-05 to 2022-08 **Master of Science in Analytics**
Georgia Tech University

2014-08 to 2018-05 **Bachelor of Arts: Mathematics**
Vanderbilt University - Nashville, TN

Contact

Personal Website

reecelincoln.me

Location

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Phone

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E-mail

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Skills

Mathematics		Excellent
Python		Excellent
AWS Services		Excellent
Data Engineering		Excellent
Data Visualization		Excellent
Machine Learning		Excellent
Pandas, NumPy, Matplotlib, SciKit-Learn, Boto3		Excellent
SQL		Very Good
Modeling		Very Good
Tableau/Quicksight		Very Good
AWS CDK		Good
Docker		Good
Terraform		Good