LIM LEE

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DATA ANALYST | ANALYTICS ENGINEER

SUMMARY

Versatile Data Analytics professional skilled in building end-to-end data pipelines, statistical analysis, and with cloud technologies (AWS). Experienced in developing frontend applications with Svelte and visualizing insights. AWS and Snowflake certified, committed to technical excellence and delivering high-quality, value-driven analytics solutions.

TECHNICAL SKILLS

Proficient: Python, SQL (Trino/Duckdb), Dbt, AWS (Athena, Glue, Lambda, Cloud Development Kit), Prefect, Docker, Pulumi, Git, Vim, R, Stata

Exposure: Snowflake, PostgreSQL, Spark, AWS (EMR, SQS, Kinesis), Tableau, Kafka, Flink, Typescript

PROFESSIONAL EXPERIENCE

Founding Engineer, ElectuaryRx | Los Angeles, CA   Dec 2024 - Present
- Architected end-to-end analytics pipelines using Python, SQL, AWS Lambda, S3, Glue and Athena, dbt, Iceberg tables, and SQL to extract, load, and transform large datasets and analyze client data for business intelligence.

Full-Stack Engineer, Orchard LA | Los Angeles, CA   Jul 2023 - Present
- Engineered and deployed a serverless, single sign-on website using TypeScript, Svelte, Supabase (PostgreSQL), incorporating AWS services (S3, API Gateway, DynamoDB, Lambda); implemented CI/CD pipelines featuring integration and end-to-end testing via Playwright; Directed developer integrations for new UX design features.

Senior Data Engineer (III), Legal Services Corporation | Washington, DC   Dec 2020 - Oct 2024
- Architected and authored data ingestion, validation, and transformation processes from Salesforce, Smartsheet, and FTPs for analytics and visualization including 108 tables/views validation tests using Python, SQL, dbt, Prefect orchestration, and AWS CDK. Led migration of processes to snowflake.
- Author and maintainer of application code (Pandas, Pydantic, Pandera) for annual $500M grant allocation calculations for 131 grantees, reducing labor effort from days to hours.
- Engineered test driven, modular reporting solutions for annual publications and reporting with data validations, test driven development, CI/CD pipelines, documentation and version control with Git, Bitbucket Pipelines, Pytest.
- Co-author internal API for delivering data assets to public facing web products utilizing API gateway, lambda functions, and python (pydantic, pandas) scheduled daily.

Senior Research Analyst (III), Legal Services Corporation | Washington, DC   Nov 2016 - Nov 2020
- Led team recommending and implementing new metrics to distribute $50M COVID-19 funds to 131 grantees in 4 weeks time.
- Authored application code for producing organization-wide risk assessment tool, ranking 131 grantees across 75 indicators for site visit selection Python and Pandas,
- Redesigned annual report workflow with new visualizations using Python (pandas), Tableau and Trello project management, reducing production time by 75%.
- Analyzed policy impacts on target populations and program effectiveness using R, Python and Stata. Provide statistics for congressional budget reports and allocation of $500M+ in appropriations.

EDUCATION

MA, international Economics, International Relations
Johns Hopkins University

BA, Honors International Studies
University of California, Irvine

ADDITIONAL INFORMATION

- **Certifications:** Snowflake Snowpro Core (Apr 2025), AWS Data Engineer (Feb 2025), AWS Solutions Architect (Jun 2020)
- **Projects**: Drone-Telemetry-Tracking, Streaming-Data-Pipelines, Members Website
- **Publications:** (provided upon request)