Michael Lemiale
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Education

Bachelor of Science - Finance & Information Systems   **August 2012 - May 2016**
University of Maryland, College Park

Work Experience

The Zebra   **May 2018 – Current**

Senior Analytics Engineer
- ❖ Updated data warehousing architecture to a modular framework, killing off remainder of the old BI monolith (data-build-tool, jinja, Snowflake, Prefect)
  - ➢ Reduced Snowflake compute cost by 56%
- ❖ Partnered with Data Engineering to design a SQL unit testing framework (python, pytest, data-build-tool)
  - ➢ Increased confidence in code coverage and deployments
- ❖ Created a regression testing framework to ensure historical data reporting integrity during deployments (data-build-tool, jinja)

Analytics Engineer II
- ❖ Implemented Prefect as a data automation and orchestration tool
  - ➢ Enabled full control over automation of data refresh jobs
- ❖ Implemented funnel.io as a third party API management tool
  - ➢ Eliminated manual Excel imports into the data warehousing environment for cost reporting
- ❖ Transitioned third party ETL tool from Alooma to Fivetran

Technical Data Analyst
- ❖ Architected new data warehouse and reporting environment (data-build-tool, jinja, Snowflake)
  - ➢ Reduced data refresh build time by 80% with incremental and ephemeral materialization strategies
- ❖ Partnered with Data Engineers to define new data streaming event schemas
  - ➢ Piped frontend & backend event tracking data on a custom streaming pipeline (AWS Kinesis, S3)
- ❖ Created and maintained python import and export jobs for third party API integrations (python)
- ❖ Trained end users on front end reporting tools (Looker)

Analytics Developer
- ❖ Created and maintained data models in an SAP HANA data warehouse environment
- ❖ Enabled end users to create dashboards and reports through standardized reporting datasets available in Tableau and Business Objects
- ❖ Coordinated requirements gathering meetings to determine best data modeling architecture and solutions

Data Analyst – Project 20/Twenty
- ❖ Created standardized reporting hub through single source of truth data models and front end analytics tools
- ❖ Partnered with SAP ERP implementation consultants to translate old data models into a new data warehouse environment (SAP HANA)
- ❖ Trained end users on new front end reporting tools (Business Objects, Webi, Tableau)

Skills

Programming
- ❖ SQL - 8 years
- ❖ Python - 4 years
- ❖ Javascript - 2 years

Frameworks & Tools
- ❖ data-build-tool, Jinja - 3 years
- ❖ AWS, Prefect, Fivetran, funnel.io - 2 years
- ❖ Airflow - 1 year

Analytics & BI Tools
- ❖ Looker - 5 years
- ❖ Tableau - 2 years
- ❖ PowerBI, Business Objects, Webi - 1 year

Databases
- ❖ Snowflake - 5 years
- ❖ SAP HANA, Hadoop, SQL Server - 3 years
- ❖ Redshift, Postgres - 2 years

Languages
- ❖ Fluent in French
- ❖ Proficient in Spanish