Aria Ushani

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OBJECTIVE

Engineer with experience in SQL, Python and AWS seeking a data engineering role on ML-driven teams

PROFESSIONAL EXPERIENCE

MELISSA DATA CORP - **Quality Assurance Engineer**   *October 2015–Present*

- Built and automated data validation workflows in Python, C#, and Java to ensure accuracy and consistency across multi-platform data systems
- Used advanced SQL queries to profile large-scale datasets, identify anomalies, and verify transformations supporting production data pipelines
- Executed load and performance tests for REST/POST APIs that ingest, transform, and deliver high-volume data services to enterprise customers
- Collaborated with engineering teams to analyze data quality issues, implement fixes in ETL processes, and document pipeline logic in JIRA and Confluence
- Led Proof of Concept (PoC) projects to evaluate new data processing approaches, demonstrating performance improvements and business impact
- Worked with SQL Server Studio and SSIS to support end-to-end ETL workflows, including data extraction, transformation, validation, and integration

CARBONITE - IT Technician   *May 2015–October 2015*

- Upgraded and optimized server infrastructure including OS updates, security patches, hardware, storage systems, and network configurations
- Troubleshot technical issues to maintain system reliability and operational efficiency

ACADEMIC EXPERIENCE

Master's Thesis— Blood Cell Classification Using ResNet50   *December 2024*

- Developed ResNet50-based deep learning model for blood cell classification using transfer learning and data augmentation on the BloodMNIST dataset

EDUCATION

UNIVERSITY OF MASSACHUSETTS DARTMOUTH, North Dartmouth, MA   *Fall 2024*
Master of Science — Computer Science, GPA 3.87

SKILLS

Programming: **Python**, **SQL**, C#, Java
Data Engineering: **AWS**, SQL Server, SSIS (ETL), Data Pipelines, XML/JSON
Infrastructure: Docker, Kubernetes
APIs: REST APIs, Postman, JMeter
Tools: Git, Linux, Visual Studio | Learning: dbt, Airflow, Databricks, Spark