

Elara Quinn

Data Engineer Intern

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Austin, TX

[LinkedIn](#)

WORK EXPERIENCE

HP Inc. - Data Engineer Intern

2024 - current

Austin, TX

- Built pipelines with Apache Hadoop, **processing 4 terabytes of raw data** for analytics projects
- Created Tableau dashboards visualizing metrics from over 52,088 customer transactions
- Leveled up data ingestion from 14 sources via Apache NiFi, ramping up pipeline efficiency
- Capitalized on MySQL to create and manage relational databases, improving data retrieval times for datasets exceeding 2.1M records

PROJECTS

Protocol Development - Volunteer

- Analyzed Amazon Redshift's GDPR compliance role, **proposing architecture for 428 datasets**
- Assisted in designing a Tableau report tracking and document data access patterns
- Engineered a MySQL database to store sensitive client data, ensuring authorized access only
- Automated data breach alert notifications using AWS Lambda, expediting response by 9%

Governance Research - Class Research Project Owner

- Presented a use case for Apache NiFi's role in automating data governance tasks
- Supported class discussions with visual aids, **building two Tableau dashboards** demonstrating data stewardship metrics
- Ramped up cloud data governance through detailed AWS IAM and KMS analysis
- Recommended client data security measures, including encryption and access controls

EDUCATION

University of Texas - Bachelor of Science, Computer Science

2021 - current

Austin, TX

SKILLS

MySQL; Apache NiFi; Amazon Redshift; Apache Hadoop; AWS; Tableau