THADDEUS DRAKE

Junior Data Engineer

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📞 (123) 456-7890

📍 San Diego, CA

in LinkedIn

EDUCATION

Bachelor of Science
Computer Science

University of California

📅 2019 - 2023

📍 San Diego, CA

SKILLS

- MySQL
- Apache NiFi
- AWS
- Apache Airflow
- Apache Hadoop
- Snowflake
- Python
- Git
- dbt
- Tableau

WORK EXPERIENCE

Junior Data Engineer

Illumina

📅 2023 - current   📍 San Diego, CA

- Developed and optimized MySQL queries to **manage a database of 500,046 genomic records**, improving data retrieval speed by 32%
- Automated data ingestion workflows with Apache NiFi, processing over 2 TB of genomic data daily across multiple sources
- Deployed and maintained data pipelines on AWS, reducing the ETL processing time by 44% for clinical research datasets
- Implemented and managed Apache Airflow for scheduling over 53 daily data workflows, ensuring reliable data integration and processing

Data Engineer Intern

Teradata

📅 2022 - 2023   📍 San Diego, CA

- Migrated a legacy data warehouse to Snowflake, optimizing storage and querying for over 103 million rows of customer data
- Created Python scripts for automating data extraction and transformation processes, *saving 17 hours of manual work* each week
- Integrated and optimized ETL workflows using Apache Hadoop, processing 3 TB of raw data for reporting purposes
- Used Git to version control and collaborate on data pipeline development, ensuring code integrity and efficient team workflows

Data Entry Clerk

Epsilon

📅 2021 - 2022   📍 San Diego, CA

- Managed and validated large datasets in MySQL, improving the accuracy of customer information across a database of 1 million records
- Built 12 Tableau dashboards for visualizing customer data trends, used by marketing teams for targeted campaigns
- Processed and *verified over 5,021 data entries* per week, ensuring high-quality input for marketing campaigns
- Assisted with daily ETL processes using Apache NiFi and dbt to ingest and transform 12GB of client data daily for reporting