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EXPERIENCES

AT&T Inc.

January 2023 - Present

Data Engineer

Dallas, Texas

- Design, develop, and automate a scalable end-to-end data pipeline that processes millions wire centers' profit and loss. Provide a reliable, secured and curated financial data solution to deliver billion dollars revenue dashboards to executive levels and Wall Street every quarter.
- Manage cloud data infrastructure and the connector between Service Now and Snowflake. Deliver tables, views and custom views in Snowflake environment to quickly respond to business requirements for the data need.
- Developed a custom SQL ETLs in Snowflake Big Data environment to enhance automated reporting and provide shared access solution to support cloud customers which will save \$60 million annually.
- Created multiple meaningful data products in broadband, wireline, wireless, financial, promotion, consent and privacy sectors, which have been used by thousands employees across AT&T.
- Conducted data analysis to create an automated and cloud-based solution which can save 2000 hours a year of manual checking and will affect to nearly 2 million AT&T subscribers. Modernized the process of eligibility checking for mobile device promotions.
- Created and maintained automated anomaly detection tools in Databricks to modernize the current manual process of monitoring daily reports, which can save hundreds of hour per year. Documented, organized technical specifications.

AT&T Inc.

June 2022 - September 2022

Network Engineer Intern

Middletown, New Jersey

- Created business and custom reports within DEEP/ Palantir Platform using PySpark, JavaScripts, HTML, CSS, PostgreSQL.
- Designed a new landing page in DEEP to centralize all Slate reports for easier access.
- Developed a Machine Learning-based software solution to evaluate car accident index.

UCLA Speech Processing and Auditory Perception Lab

June 2021 - September 2021

Undergraduate Research Assistant

Los Angeles, California

- Cleaned and analyzed speech dataset of children in different regions across the country.
- Trained and evaluated the efficiency of the Transformer Model for Automatic Speech Recognition.

AWARDS

AT&T Connection Award

November 2023/ February 2025

AT&T TDP Hacks Machine Learning Winner

February 2024

TECHNICAL SKILLS

Programming: Python, C/C++, Matlab, Java, JavaScript, HTML, CSS

Databases: Snowflake, PostgreSQL, SQL Server,

Open-source Frameworks: Spark, TensorFlow, Keras, Scikit-learn, NLTK, OpenCV, Bootstrap

Other Software/ Tools: Databricks, Microsoft Azure, DEEP/Palantir, Power BI, Adobe, L^AT_EX, Linux, Git/Github

Language: Vietnamese, English

CERTIFICATIONS

Microsoft Azure Fundamentals

2024

Microsoft

Generative AI with Large Language Models

2023

Coursera

EDUCATION

University of California, Los Angeles (UCLA)

Los Angeles, California

Bachelor of Science in Electrical Engineering

December 2022