NHA DO

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EXPERIENCES

AT&T Inc.   **January 2023 - Present**
Data Engineer   *Dallas, Texas*

- Lead a development team to design and build scalable, reliable, secured and curated data model which provides the ability to monitor profitability trends for the wireline business and supports the timing plan for copper network sunsets. This initiative impacts to more than 4600 In Region Wire Centers across the U.S. and is crital for AT&T to meet and deliver billion dollars Free Cash Flow every year.
- Manage cloud data infrastructure and the connector between Service Now and Snowflake. Developed multiple custom SQL ETLs in Snowflake Big Data environment to enhance automated reporting and provide shared access solution to support cloud customers which saves $60 million annually.
- Modernized the process of eligibility checking for mobile device promotions by creating automated and cloud-based solution which can save 2000 hours a year of manual checking and affects to nearly 2 million AT&T subscribers.
- 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.

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, LaTeX, 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*