

# 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, and secured data model which provides the ability to monitor profitability trends for the wireline business and supports the timing plan for copper network sunsets across more than 4600 Wire Centers. This is critical for AT&T to meet and deliver billion dollars Free Cash Flow strategy.
- 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 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 hours per year.

### AT&T Inc.

June 2022 - September 2022

#### Network Engineer Intern

Middletown, New Jersey

- Delivered multiple business and custom reports in DEEP/ Palantir Platform to assist for fiber installation of construction and engineering teams.
- Designed a new landing page in DEEP to centralize all Slate reports that support hundreds of access every day.
- 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<sup>A</sup>T<sub>E</sub>X, Linux, Git/Github

**Language:** Vietnamese, English

## CERTIFICATIONS

### Microsoft Azure Fundamentals

2024

Microsoft

### Generative AI with Large Language Models

2023

Coursera

## EDUCATION

### Georgia Institute of Technology

Atlanta, Georgia

Master of Science in Computer Science

August 2025 -

### University of California, Los Angeles (UCLA)

Los Angeles, California

Bachelor of Science in Electrical Engineering

December 2022