

NHA DO

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EXPERIENCES

AT&T Inc.

Data Analyst

- Leading and developing multiple Python classes to automate the table validation processes to ensure the accuracy and mitigate the gap in end tables, which will help to troubleshoot possible root causes and detect data discrepancies.
- Conducting data analysis to assist design and development teams 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 subscribers.
- Creating, maintaining and running automated anomaly detection tools to modernize the current manual process of monitoring daily reports, which can save hundreds of hour per year. Documenting, organizing technical specifications.
- Engaging actively into different AT&T's innovation competitions. Proposed and delivered a web-based application to save AT&T's resources by allocating and monitoring bandwidth optimally to the IoT devices within AT&T network.
- Designed, developed and tested machine learning model to predict and prevent possible cybersecurity attacks on Twitter (Common Vulnerabilities and Exposures binary classification).

January 2023 - Present

Los Angeles, California

AT&T Inc.

Network Engineer Intern

- Created business and custom reports within DEEP/ Palantir Platform using JavaScripts, HTML, CSS, PostgreSQL.
- Transitioned multiple data sources using SQL and PySpark from on-premises system into cloud in Snowflake/DEEP.
- 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.

June 2022 - September 2022

Middletown, New Jersey

UCLA Speech Processing and Auditory Perception Lab

Undergraduate Research Assistant

- 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.

June 2021 - September 2021

Los Angeles, California

AWARDS

AT&T TDP Hacks Machine Learning Winner

Designed and developed a Machine Learning model for Natural Language Processing Binary Classification.

February 2024

AT&T Connection Award

Recognition for accomplishments in developing Automation and Detection Tools.

November 2023

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

Language: Vietnamese, English

CERTIFICATIONS

Microsoft Azure Fundamentals

Microsoft

2024

Generative AI with Large Language Models

Coursera

2023

EDUCATION

University of California, Los Angeles (UCLA)

Bachelor of Science in Electrical Engineering

Los Angeles, California

December 2022