NHA DO

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EXPERIENCES

AT&T Inc.   **January 2023 - Present**
Data Analyst   *El Segundo, California*
- Leading the table validation task to ensure the accuracy and mitigate the gap in end tables before handing over to business partners and stakeholders.
- Developing multiple Python classes to automate all validation processes and troubleshoot possible root causes.
- 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.
- Engaging actively into different AT&T's innovation competitions, proposing and delivering meaningful solutions.

AT&T Lab   **June 2022 - September 2022**
Network Engineer Intern   *Middletown, New Jersey*
- Created business and custom reports within DEEP/ Palantir Platform using JavaScripts, HTML, CSS, PostgreSQL.
- Transitioned multiple data sources using SQL and PySpark from the old system into the new system in DEEP.
- Designed a new landing page 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.

PROJECTS

Embedded Machine Learning System for Diseased Leaf Detection | *Python / C - STM32 H743ZI2*   **2022**
- Proposed an effective apporoach to fit the dataset and enhance model's accuracy under 1MB memory constraint.
- Optimized the weights and biases when deploying the model on embedded system.
- Implemented successfully 4 layers of 2D CNNs.

Spam Email Classification | *Python*   **2021**
- Analyzed the words appearances and calculated their probabilities based on Naiive Bayes Theorem.
- Optimized the model by using Scikit-learn library with 97% of accuracy.

TECHNICAL SKILLS

Programming: Python, C/C++, Matlab, Java, JavaScript, HTML, CSS
Databases: PostgreSQL, SQL Server
Open-source Framework: Spark, TensorFlow, Keras, Scikit-learn, NLTK, OpenCV
Other Software/ Tools: Databricks, Snowflake, Microsoft Azure, DEEP/Palantir, Power BI, LaTeX, Adobe Premiere Pro, Adobe Audition
Language: Vietnamese, English

CERTIFICATIONS

Snowflake - The Complete Masterclass   **2023**
Udemy Academy
Computer Vision Course   **2022**
Udemy Academy
Master SQL for Data Science   **2021**
Udemy Academy

EDUCATION

University of California, Los Angeles (UCLA)   **Los Angeles, California**
Bachelor of Science in Electrical Engineering   *December 2022*