

Dao Thanh Nguyen

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EDUCATION

- **VNUHCM-University Of Science**

Bachelor of Data Science; GPA: 3.12 (7.8/10.0)

Ho Chi Minh, Viet Nam

Aug. 2020 – Current

EXPERIENCE

- **Partime Job Remote for PhD from Norway**

Data Science assistant

Ho Chi Minh, Viet Nam

July 2022 - July 2023

- **Azure:** Built Platform Web app service - Blob Storage - Function app(trigger) - Databrick - SQL Database - Power BI. Built Platform Real-time: Sensor - Stream analytics - Machine Learning Studio - Blob Storage or Power BI
- **Machine Learning:** Read papers and build model to output same result. Build Application with the model. Analytics data to extract insights and apply feature engineer, tune parameters to improve model. Plot counter plot to feedback for customer about what next they should do.

PROJECTS

- **Digital Platform on Azure:** Build web app to load data from user into Blob Storage. Using Function app to trigger Databricks job run pipeline. Using Spark to handle ETL and then using model trained predict it. Save data result into SQL database and finally using Power BI to visualize data(integrated into website) .
- **Stream Analytics on Azure:** Create a virtual device generate data real-time. Using IoT Hub connect virtually device. Stream analytics managed stream processing and integrate Machine Learning service. Output is Blob Storage and Power BI
- **Streamlit Web app:** Login, ML App, Visualize. Load csv file from user, preprocessing and prediction. Finally, Load data result into Azure SQL Server.
- **Customer Airline Satisfaction Predict:** Target: Using visuallization infer method and machine learning model to prove hypothesis from data statistic and visuallization.Link Github

PROGRAMMING SKILLS

- **Technologies:** : Azure
- **Languages:** : Python, SQL, C++, Javascripts
- **Skills:** : English (Reading and Listening), Read Papers, Research new technologies quickly.

HOBBIES

- **Blogging:** : Review Book, Technologies. Visit my blog <http://www.daonguyen.me>
- **Do exercise:** : Do calisthenic
- **Play musical instruments:** : Play guitar in free time.
- **Reading Books:** : Mindset, Men searching for meaning, Jerome become a genius.

CERTIFICATES

- **Coursera:** : Introduction to Microsoft Azure Cloud Service
- **Coursera:** : Explore Core Data Concepts in Microsoft Azure
- **Coursera:** : Modern Data Warehouse Analytics in Microsoft Azure
- **Coursera:** : Microsoft Azure SQL