Trung Cao

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EDUCATION

Aug 2021 - May 2025 **Ho Chi Minh City University of Education**
Major: Computer Science

WORK EXPERIENCE

September 2021 - Now **Teaching at Mindx technology school in Ho Chi Minh City**

- Teaching progamming knowledge to students

SKILLS

Data Science

- Have knowledge with Python and Data Science Libraries like Pandas, Numpy, Matplotlib, Tensorflow - Keras, OpenCV, etc.
- Have knowledge on building machine learning model, data preprocessing, exploratory data analysis, feature engineering
- Have knowledge Face Recognition
- Have knowledge Algorithms and Statistical probability
- Have knowledge with Relational Database MYSQL
- Ability to study and apply new algorithms, technologies, tools, frameworks, etc.

Others

- Have a basic English
- Experience at giving presentation
- Ability to work in different environments

COURSES

Oct 2021 – Mar 2021 IBM Data Analyst Professional Certificate

Mar 2021 - Jun 2021 Machine learning of Standford University on Coursera

ACHIVEMENTS

2023 Consolation prize for scientific research at faculty level with the topic

Building an algorithm to identify students' learning interest

ACTIVITIES

Aug 2021 - Oct 2021

Assist local people during the lock down

Volunteer Member

- Coordinate with volunteers to support local peoples by giving necessary foods
- Assist to set up checkpoints for controlling red-zone

INTERESTS

Read detective books, listen to music, play guitar, flute, play badminton, volleyball, football.

PROJECTS

Link to all project: https://github.com/trung8134

Explore-Titanic_data-Project:

- Small projects built by myself. The projects cover most of what I know about data analytics and machine learning
- In these projects, I will work with the following programming languages: SQL, Python, Power Bi
- Machine learning projects will be executed in the following order: Scoping -> Data -> Modelling

  Link to view the project: https://github.com/trung8134/Explore-Titanic_data-Project

Multiple_Disease_Prediction_System:

- This is a small project of mine to practice my skills and knowledge learned about machine learning. The project is entirely written in Python using a web application framework based on Python called Streamlit to create a local website and can be deployed (not yet completed) to showcase the project.

  In this project, the techniques presented are logistic regression, XGBoost, and RandomForest to train and predict regression values with the train and test sets obtained from Kaggle.

- *Some contents of the project are:*
  - The techniques of data splitting for training, testing, and predicting results, as well as saving the model with the highest accuracy are presented
  - Understand how to use Machine Learning algorithms for practical projects.
  - Have knowledge about machine learning.
  - Know how to develop a small personal project with Streamlit.
  - Demo.py file is a file used to run the demo streamlit program on a local web.

  Link to view the project: https://github.com/trung8134/Multiple_Disease_Prediction_System

Sales-Insights_BI-prj:

- This project is designed to review some small skills in data processing, data visualization with Power BI, and data mining with SQL.
- This project consists of:
  - PDF file dashboard displaying the visualized results using Power BI.
  - Explore_data.md file notes basic SQL skills for data mining.
  - SQL file containing data.

  Link to view the project: https://github.com/trung8134/Sales-Insights_BI-prj

CNN Basic:

- Basic knowledge of image processing with keras:
  - In this project, I use 2 main data sets, Minist and CIFAR10, to build layers in the CNN network. From these 2 projects, we can understand briefly how the CNN network works as well as the small steps to process data.

  Link to view the project: https://github.com/trung8134/CNN-Basic