TRAN VAN DIEP

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Objective: I'm an upcoming graduate student in Computer Science. I'm looking for a chance to utilize and develop my ability, start a research career.

EDUCATION

Ho Chi Minh University of Science, Ho Chi Minh City

Sept 2017 – Present, GPA: 6.7

Bachelor of Science, Computer Science, August 2019

  Selected Coursework: Digital Image and Video Processing, Introduction to Artificial Intelligent, Pattern Recognition, Scientific Research Methodology, Introduction to The Internet of Things, Programming for Data Science, Data mining Applications, Intelligent Data Analysis, Deep Learning for Data Science.

Datacamp Certificate

  Analyzing Social Media Data in Python, Nov 2020

  Intermediate Network Analysis in Python, Oct 2020

SKILLS

Programming/Scripting Languages: Python (Familiar), C/C++, SQL, MATLAB
Frameworks and tools: Numpy, Pandas,OpenCV, Tensorflow, Google Colab, Git
Other skills: English, Problem Solving, Google Searching.

PROJECTS

Accident data Analysis

  Intelligent Data Analysis, HCMUS

- Analyze an accident-related dataset. Then perform data visualization and find out useful insights.

Voice Verification

  Deep Learning for Data Science – Zalo AI Challenge, HCMUS

- We solved the voice verification challenge of ZaloAi for the Deep Learning for Data Science final project we ranked at 15 overall, got 9.5 marks.

Smart Garden

  The Internet of Things Final Project, HCMUS

- We built a Mini Smart Garden model. Using sensors controlled by Arduino Uno ESP8266 WeMos D1. The model has these bellow abilities:
  - Take the data (temperature, humidity) from air and soil then show up to the manager's screen (smart phone or computer).
  - Able to be controlled directly or remotely.
  - Show up the line graph and numeric data on the screen.

Music Generation

  Introduction to Deep Learning, MIT Free Course

- Build a Recurrent Neural Network (RNN) for Music Generation over an ABC Notation of Irish folk songs dataset.

Count to 2021

  Personal Project

- A simple web project using HTML, CSS, and JS to build a web page display counting down to the new year 2021.