

# TRAN VAN DIEP

<https://www.github.com/tvadiep>

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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, and start my career.

## EDUCATION

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### Ho Chi Minh University of Science, Ho Chi Minh City

Sept 2017 – Present, GPA: 6.9

Bachelor of Science, Computer Science, August 2019

Selected Courseworks: 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

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**Languages:** Python (Familiar), C/C++, SQL, MATLAB, HTML, CSS.

### Frameworks and tools:

Familiar: Numpy, Pandas, Pytorch

Others: OpenCV, Tensorflow, Google Colab, Jupyter Notebook, Git, Power BI.

**Other skills:** English, Problem Solving.

## PROJECTS

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### Accident Data Analysis

- Analyze an accident-related dataset from the UK government data center. Then perform data visualization and find out useful insights.

### Covid cases Visualization

- I used Power BI to create visualization about Covid-19 cases of US states

### Voice Verification

- We solved the voice verification challenge of ZaloAI for the Deep Learning for Data Science final project. We ranked 15/106 overall.

### Smart Garden

- A mini IoT project was built as a Mini Smart Garden model. Using sensors controlled by Arduino Uno ESP8266 WeMos D1.

### Music Generation

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

### Count to 2021

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