

TRAN QUANG DUONG

in GnoudQ

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Education

FPT University

Artificial Intelligence; Curent GPA: 3.2

Oct.2020 – Dec.2024 (expected)

Relevant Coursework

Connecting to Computer Science, Computer Organization and Architecture, Data Structures and Algorithm, Artificial Intelligence, Database Systems, Statistics and Probability, Machine Learning, Computer Vision, Deep Learning, Search Engines, Text Mining

Awards

3rd	Provincial Scientific and Technical Research Competition	2019
Representing the province	National Student Entrepreneurship Day	2019

Technical skills

Programming Languages	Python, C/C++, SQL
Framework	Tensorflow, Pytorch, Scikit-learn, Pandas, OpenCV
Techniques	Machine learning Algorithms, Deep learning Algorithms, Signal Processing, Face Recognition, Object detections

Certificate

Software Development Lifecycle	Sep.2022
IBM Data Warehouse Engineer	Jan.2023
IBM Data Engineering	May.2023
IBM Full Stack Software Developer	May.2023
TensorFlow for CNNs: Learn and Practice CNNs	Oct.2023

Project

Image and video retrieval using Content-Based Image Retrieval	Aug.2023 – Present
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- Using Multi-task Cascaded Neural Network (MTCNN) to detect faces in image
- Embedding face to vector using Facenet
- Using Qdrant Vector Database to store embedding faces
- Project link: <https://github.com/tunneee/Glimpse-Album-Retrieval-System>

Publications

Evaluating Audio Feature Extraction Methods for Identifying Bee Queen Presence

<https://doi.org/10.1145/3628797.3628852>

- Extract audio features from audio data by using the FFT method
- Using Machine Learning and Deep Learning to Training Audio features
- Project link: <https://github.com/tunneee/bee-acoustic-classification>