Duong Quoc Khanh

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Education

University of Information Technology Vietnam   *Hochiminh city, Vietnam*
BACHELOR IN COMPUTER SCIENCE   *Sept. 2016 - Nov. 2020*
Honor Program   GPA   8.46/10

Skills

Language   Vietnamese (Native), English (IELTS 6.5), Japanese (N3)
Programming   C/C++, Python, Tensorflow, Pytorch

Projects

Undergraduate thesis, Big Data and Deep Learning Laboratory (UIT)

GENERATING SHOES DESIGNS USING GENERATIVE ADVERSARIAL NETWORKS (99/100)

- Collect a large shoes dataset, over 500,000 images with 1920 ×1440 resolution
- Implement a web-based application for generating, editing shoes designs
- Analyze the effect of different resolution into generated images by several GANs algorithms

School Project

- **Vehicle Counting**: Counting vehicles that follow predefined movements from Hochiminh city's traffic camera scenes. Using Efficient Det, JDE Tracker
- **Image Retrieval**: Web-based application running on low-configuration computer for similar image search using Hessian affine SIFT and VLAD
- **Lossless Image compression**: Compress image using RLE, Shannon-Fano, Huffman, LZW and Arithmetic-coding algorithms

Honors & Awards

2020   **Top 10**, AI Hochiminh city Challenge
2020   **Final Round**, 22nd annual Eureka Award competition for Vietnamese students
2019   **14th place**, Zalo AI challenge, motorbike generator