

PROFILE

PERSONAL INFORMATION



Full Name: Pham Quang Hieu

Birthday: 1994

Major: Data Science – Computer Vision

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EDUCATION:

No.	Time	Detail	GPA
1	2012 - 2017	Construction Informatics – National University of Civil Engineering <i>Major project title: Software to optimal analysis of steel truss design</i>	2.8/4.0
2	2020 – 2022	Master of Data Science – Hanoi University of Science <i>Thesis title: Automatic design of architectural plans by deep learning model</i>	3.5/4.0

EXPERIENCE:

- **2015 – 2020: 3D Civil Engineer**
Modeling 3D object in civil base on point cloud data.
- **2022 - 2023: VC Corporation– Computer Vision**
Researching and implementing the problem of object and person recognition, applied to the lotus social network.
Researching and implementing the problem of Optical character recognition, applied to software - Extract informations from Vietnamese official documents.

CERTIFICATE:

- Convolutional Neural Networks – DeepLearning.AI
- SQL Basics for Data Science – UCDAVIS University of California


SKILLS:

- **Python:**
 - *Framework:* OpenCV, CUDA, TensorFlow, Pytorch, Numpy, Pandas...
 - *Experience in:* Image Classification, Object Detection, Image Segmentation, OCR, Scene Text, Face Recognition ...
- **SQL:**
 - Conditional Expressions, CTE, Window Function...
- **Visualization:**
 - PowerBI, Matplotlib, Plotly...

PROJECT



1. Extract informations from official documents (OCR)

Researching and implementing the problem of Optical character recognition

Official documents	Informations
	<p>CQBH: TRUNG TÂM CÔNG NGHỆ THÔNG TIN VÀ TRUYỀN THÔNG</p> <p>SKH: Số: 68/TTCNTT&TT-TT</p> <p>Ngày BH: Thừa Thiên Huế, ngày 23 tháng 5 năm 2018</p> <p>Loại VB: Công văn</p> <p>Trích yếu: V/v tạo điều kiện học tập kinh nghiệm triển khai tổng đài dịch vụ công</p> <p>Nơi nhận: Nơi nhận: Như trên; Lưu: VT.</p> <p>Người ký: Bùi Hoàng Minh</p>

2. Famous Person Recognize

Researching and implementing the problem of person recognition, applied to the lotus social network.

Input	Result
	

3. Harmful Content Censorship

- Researching and implementing CNN model such as detetron2, yolo to detection hamrful contents censorship such as: Adults content, Wars, Attack,... in Lotus social Network

4. Image classification:

- Researching and implementing SOTA methods to classification 600 population species fish in the world, 100 classes population food in Vietnam...