

# NGUYEN THANH DAT

## AI Engineer

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📍 Ho Chi Minh, Vietnam

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## OBJECTIVE

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Inquisitive, hard-working, consistent. Looking for job opportunity about artificial intelligent/ machine learning where I can apply my skills, knowledge and gives a great opportunity of learning and progressing.

## EXPERIENCE

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### Optical Character Recognition for Vietnamese

#### Eyeq Tech

📅 Jun 2019 – Nov 2019

📍 Ho Chi Minh, Vietnam

#### Responsibility:

- Hands-on advanced proficiency in handling and analyzing datasets.
- Clean and pre-process datasets.
- Researching and applying state of the art ML/DL techniques to solve vietnamese optimal character recognition (OCR), word detection, word recognition, object detection, semantic segmentation, instance segmentation.
- Training elementary ML/DL models and judging a model is good enough for a particular purpose.
- Researching and designing architecture system for OCR problems.

### Backend Engineer Intern - Full-time

#### HasBrain inc

📅 June 2018 – Sep 2018

📍 Ho Chi Minh, Vietnam

#### Responsibility:

- Accessing project requirements using Scrum principles related to high-volume online service.
- Designing architecture database.
- Documenting and implementing specific call API request.
- Evaluating system, review code.

## EDUCATION

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### Bachelor of Engineering, Computer Science

#### Ho Chi Minh City University of Technology, HCMC, Vietnam

📅 Sep 2015 – Expected Apr 2020

Thesis Topic: Traffic Accident Detection From Surveillance Video

#### Responsibility:

- Collecting, cleaning and pre-processing accident videos from youtube and liveleak.
- Researching state of the art ML/DL technique related with problems.
- Evaluating and improving performance of model.
- Build end-to-end systems.

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### Convolutional Neural Networks for Visual Recognition CS231n

Stanford University, public online course

## SKILLS

Python, PyTorch, Numpy, C++, OpenCV



Tensorflow, Django, Linux, Nodejs, Git



- Deep Learning
- Machine Learning
- OCR
- Object Detection
- Object Recognition
- Generative Adversarial Networks