

# HOANG N. TRUONG

## Software Engineer

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## EXPERIENCE

### Yedda

#### Software Engineer

📅 Nov 2020 – Now    📍 HCMC, Vietnam

- Develop and operate real-time AI solutions for CCTV systems (People tracking, product scoring, warehouse security, etc. ) and automation tools for internal usage.
- PyTorch, Django, PostgreSQL, Jenkins, Docker, Redis, MongoDB, Selenium.

### DPS Solutions

#### Machine Learning Engineer

📅 Nov 2018 – Nov 2020    📍 HCMC, Vietnam

- Research, Development, and Operations AI solutions for document management for both handwritten and printed characters (OCR, graph-based Entity tracking, re-construct document format, etc.), and high accuracy face recognition with anti-spoofing.
- PyTorch, Apache Kafka, MongoDB, PostgreSQL, Django, Selenium, Redis, Jenkins, GraphQL, Docker.

### AI Laboratory, Ton Duc Thang University

#### AI Research and Development Internship

📅 Jun 2018 – Nov 2018    📍 HCMC, Vietnam

- Research in Deep Learning and Working on Computer Vision, NLP, and Web development.
- PyTorch, Tensorflow, Matplotlib, Pandas, Numpy, Django, Flask, Git, JavaScript, PHP, Docker.

## PROJECTS

### VISEE - Deep Image Search

#### Project Manager & Developer

📅 2020

- https://github.com/vndee/visee
- End-to-end visual search service that empower by state-of-the-art Deep Learning algorithm. It is designed for scale and stability.
- PyTorch, FastAPI, Kafka, Django, MongoDB, KeyDB, CI/CD, Milvus, ELK Stack, HTML/CSS/JS.

### Distributed Crawler System

#### Development & Operations Engineer

📅 2019

- Highly stability and scalable Distributed crawler Systems. It can parse across various websites with high trustworthiness.
- Selenium, ELK Stack, TimescaleDB/PostgreSQL, Redis, MongoDB, BeautifulSoup, Selenium, Apache Kafka, Flask, CI/CD.

## EDUCATION

### B.Sc. Computer Science

#### Ton Duc Thang University

📅 2017-2021    📍 HCMC

CGPA: 3.2/4

## LANGUAGES

Vietnamese



English



## SKILL

- Python
- JavaScript
- Linux bash

- Django
- RestAPI
- Selenium
- MongoDB
- PostgreSQL
- Apache Kafka
- Linux
- Docker
- Tensorflow
- PyTorch
- GraphQL
- Google Cloud

- Algorithms
- Data Structures
- Machine Learning
- Data Mining
- Data Visualization
- Distributed System
- Networking

## PUBLICATION

- Nguyen, Hien Nguyen, Duc Thach, Nguyen Nguyen, Hai Nguyen, Vu Tan, Nguyen Nguyen, Hung Truong, Hoang Linh, Nguyen. (2022). Macroeconomic Forecasting Based on LSTM-Conditioned Normalizing Flows. 10.1007/978-3-030-77094-5\_48.