

# HOANG N. TRUONG

## Developer

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📄 https://github.com/hoangperry/

## EXPERIENCE

### DPS Solutions

#### Machine Learning Engineer

📅 Nov 2018 – Nov 2020    📍 Ho Chi Minh City, Vietnam

- Research, Development, and Operations AI solutions.
- PyTorch, Apache Kafka, MongoDB, PostgreSQL, Go Fiber, Django, Selenium, Redis, Jenkins.

### AI Laboratory, Ton Duc Thang University

#### AI Research and Development Internship

📅 Jun 2018 – Nov 2018    📍 Ho Chi Minh City, Vietnam

- Research in Deep Learning and Working on Computer Vision. I also have experience in natural language processing, Web development.
- Technology: PyTorch, Matplotlib, Pandas, Numpy, Tensorflow, Django, Flask, Git, JavaScript, Docker.

## PROJECTS

### Deepis - Deep Image Search

#### Project Manager & Developer

📅 2020

- End-to-end visual search service that empower by state-of-the-art Deep Learning algorithm. It is designed for scale and stability.
- Technology: PyTorch, Go Fiber, FastAPI, Apache Kafka, Django, Selenium, MongoDB, KeyDB, Docker, Jenkins, HTML/CSS, Milvus, Elasticsearch, Kibana.

### Apollo

#### Project owner

📅 2019

- Dashboard to control crawler application and monitoring data traffic. It help system admin control crawl progress in real-time.
- Technology: Django, HTML/CSS, KeyDB, MongoDB, Flask, Docker, Apache Kafka, Jenkins, GraphQL, Go Fiber.

### Distributed Crawler System

#### Development & Operations Engineer

📅 2019

- Highly stability and scalable Distributed crawler Systems. It can parse across various websites with high trustworthiness.
- Technology: Selenium, Elasticsearch, Kibana, TimescaleDB, Redis, PostgreSQL, Beautiful Soup, Apache Kafka, Flask, Docker.

## EDUCATION

### B.Sc. Computer Science

#### Ton Duc Thang University

📅 2017-2021    📍 HCMC

CGPA: 3.2/4

## LANGUAGES

Vietnamese



English



## SKILL

- |              |         |
|--------------|---------|
| • Python     | • Java  |
| • JavaScript | • PHP   |
| • GoLang     | • C/C++ |

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

- |                    |                      |
|--------------------|----------------------|
| • Algorithms       | • Data Mining        |
| • Data Structures  | • Data Visualization |
| • Machine Learning | • Distributed System |
| • Research         |                      |

## PUBLICATION

- Hien T. Nguyen, Trung D. Nguyen, Hai M. Nguyen, Thach N. Nguyen, Anh H. Le, Tan V. Nguyen, Vu H. Nguyen, Hung M. V. Nguyen and Hoang N. Truong. A Deep Learning Approach to GDP Forecasting. In proceeding of The Fourth International Econometric Conference of Vietnam 2021.