

DUY HUYNH

Machine Learning Engineer

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in vndee

🔗 vndee

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📍 Ho Chi Minh City, Vietnam

EXPERIENCE

AI R&D Engineer

Dat Phat Solutions Co., Ltd

📅 Nov 2018 – Present

📍 Ho Chi Minh City, Vietnam

- Research, build and deploy AI solutions.
- PyTorch, Flask, Django, FastAPI, Go Fiber, Jenkins, Git, Linux, Apache Kafka.

Research Internship

AI Laboratory, Ton Duc Thang University

📅 Jun 2018 – Nov 2018

📍 Ho Chi Minh City, Vietnam

- Most of the time I worked in Natural Language Processing but also had hand-on experiences in Computer Vision, Deep Generative models and Graph Neural Network.
- PyTorch, Pandas, Numpy, Matplotlib.

PROJECTS

Sentivi - Tool for Sentiment Analysis

Project Owner - <https://github.com/vndee/sentivi>

- A simple tool for sentiment analysis which is a wrapper of scikit-learn and PyTorch Transformers models. It is made for easy and faster pipeline to train and evaluate several classification algorithms.
- PyTorch, Scikit-learn, Transformers, Numpy.

Deepis - Deep Image Search

Project Manager & Developer

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

Deepa - MOOCs platform

Project Manager

- MOOCs (Massive Open Online Courses) platform that enhances high-level education based on OpenEdx open-source with containerizing deployment.
- Docker, Django, HTML/CSS, Jenkins CI.

COMPETITIVE PROGRAMMING

Codeforces Candidates Master

- Rating 2065 (top 4%). <https://codeforces.com/profile/hdi>.

Hackerrank Algorithm Specialist

- Top algorithm specialist of Hakerrank (rating 2268.76, rank 1678, top 1%). <https://www.hackerrank.com/watagogo>.

EDUCATION

Bachelor's in Computer Science

Ton Duc Thang University

📅 2017–2021

- GPA: 3.3/4.0

Specialized Student in Informatics

Huynh Man Dat Highshool for the Gifted

📅 2014–2017

- Excellent student specializing in Informatics.

HONORS & AWARDS

Province's Representative, 2016-2017

- First-round of National Team Selection Contest in Informatics.

Finalist/Honor Prize, 2017

- National Informatics Contest for Youth

Silver Medalist, 2016

- 30/4 Olympiad for Gifted Student (South and Central Vietnam Highschool).

Bronze Medalist, 2016

- Coastal and Northern delta Olympiad for Gifted Student.

SKILLS

- Python, Linux, Java, C/C++, Docker, REST API, Microservices, NoSQL, Apache Kafka, Git, Jenkins, Go.
- Algorithms & Data Structures, Data Mining & Visualization, Deep Learning, CI/CD, Research, Technical Discussion & Writing.

PUBLICATIONS

- Hien T. Nguyen, Duy V. Huynh, Hieu N. Duong and Nam Thoai. Visualizing Vietnam's Scientific Research Projects Based on Pre-trained Language Models and UMAP. *In proceeding of Knowledge and Systems Engineering Conference 2020.*