# NGOC-PHU LE

**AI Engineer**

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## ABOUT ME

I am a studious person who is eager to learn new things and ready to face of challenges. I would like get in-depth and comprehensively understand the data instead of giving a try or depending on the state-of-the-art Deep Learning algorithms and fine-tuning the model without looking back the data. Beside of that, I want to improve understanding of fundamental mathematical behind machine learning algorithms. Therefore, I am seeking for a AI Engineer position to strengthen my working skills in Data Science, Machine Learning field. Also, I would like to contribute my abilities to the company and my working team.

## EXPERIENCES

### AI Engineer

**Viralint JSC**

📅 Nov. 2019 – Present          📍 Ho Chi Minh City, Vietnam

- Researching and developing music generation model based on NLP Deep Learning model architectures such as RNN, LSTM, Transformer,...

### AI Engineer

**GE3F Pte. Ltd**

📅 Aug. 2018 – Nov.2019          📍 Ho Chi Minh City, Vietnam

- Researched and developed application for detecting defect on semiconductor and component using Computer Vision and Deep Learning.
- Researched and implemented Generative Adversarial Networks (GANs) to generate images, researched method to evaluate GANs model.
- Trained and fine-tuned deep learning models for defected contact lens classification.

### AI Project Intern

**Cinnamon AI Labs**

📅 Aug. 2017 – Nov. 2017          📍 Ho Chi Minh City, Vietnam

- Project: Visualize summary tool for Slack chat
Used Machine learning and Deep learning for clustering unread message.

## PROJECTS

- Fashion Image Retrieval, Swiss Innovation Challenge 2018. Rank 9/100
Used Computer Vision and Deep Learning for extract image information to image embedding.
Applied Vector Quantization for storing image data and search.

- Undergraduate Thesis: Smart Advertising System
Designed the system using Computer Vision and Deep Learning for extracting age, gender, watching time of customer who facing and watching the digital advertisement board.
Used parallel programming to improve the processing speed of the system.
Used Flask to design API for tranfering data between client and server.

## AWARD AND SCHOLARSHIPS

- **Incentive Award** in Eureka Scientific Research Students Awards 2018.
- **First prize** in Intelligent Program 2017 for best project at program's final contest.
- **Intelligent Program Scholarship 2017** by Cinnamon AI Labs Vietnam for Machine Learning training course.
- **TAKAKO Vietnam Co., Ltd Scholarship 2017** for Excellent Student.

## SKILLS

- Programming Language: Python, C/C++, C#.
- Framework, library: Tensorflow, Pytorch, scikit-learn, pandas, numpy, flask, multiprocessing,...
- Machine Learning, Deep learning: Linear regression, Logistic regression, SVM, Decision Tree, CNN, RNN, LSTM,...
- Tools: Git, DVC,...

## CERTIFICATION

- IBM Data Science Professional Certificate
- Foundations for Big Data Analysis with SQL

## EDUCATION

### Bachelor of Engineering in Mechatronics, Robotics

**University of Technology annd Education**

📅 2014 – 2018          📍 Ho Chi Minh City, Vietnam

## PUBLICATION

Le Anh Tran and **Ngoc Phu Le** and Truong Dong Do and My Ha Le, **A Vision-based Method for Autonomous Landing on a Target with a Quadcopter**, *4th International Conference on Green Technology and Sustainable Development (GTSD)*, 2018