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# DUY DO

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## PROFESSIONAL SUMMARY

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I have extensive experience and knowledge in Machine Learning as well as Deep Learning, focusing on Data Analysis, Computer Language Processing and Natural Language Processing, the ability to research new AI technologies with many years of research experience. I always be looking to be more, do more and make a difference in a big way, always dream about making the world a better place.

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## SKILLS

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- Data Analysis
- Machine Learning
- Deep Learning
- Deep Learning Framework: Tensorflow, Keras
- Machine Learning Library: scikit-learn

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## WORK HISTORY

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**Researcher's Assistant**, 01/2015 to 05/2016

**University of Engineering and Technology VNUH** – Cau Giay, Ha Noi

- Researched and created new algorithms using SAT to solve the Hitori logic problem.
- Collected data, developed program that demonstrates the effectiveness of new algorithms.
- Participated the conference: Students with Scientific Research - University of Engineering and Technology VNUH 2016

**Machine Learning Engineer**, 06/2016 to Current

**FPT Software** – Cau Giay, Ha Noi

- Research new techniques in AI to create PoCs to demonstrate the capabilities of FTP Software to customers.
- Joins FSoft's AI projects as an Engineer for computer vision problems.
- Develop training AI fundamental courses.

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## PROJECTS

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### • Diseases Detection from Chest X-ray data

This is a personal project. I created the proposal, using a very new Kaggle dataset to implement this project. The project focuses on using techniques in deeplearning to analyze X-ray image data and some of the patient's personal information to predict the disease.

The project uses Keras framework and main techniques used and compared are CNN and CapsNet, more details see on my Github page.

### • Facial Recognition

Building facial recognition system for FPT Software, my work is to research the latest facial recognition technology, consulting and implementing.

Using facial recognition technology to support and implement some projects with customers of FSoft units, checkin system for students entering class for Egroup.

### • Future Marketing

This is FSoft's internal project, building Intelligent Marketing System using AI such as Customer segmentation, Social listening and so on.

Project management and implementation of AI cores section.

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## EDUCATION

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- Machine Learning Engineer Nanodegree, 2017 to 2018  
**Udacity**
- Information Technology, 2012 to 2016  
**University of Engineering and Technology VNU - Cau Giay, Ha Noi**

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## CERTIFICATIONS

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- Deep Learning Specialization

**coursera**



- Machine Learning Engineer Nanodegree

**kaggle**

