

HUY PHAN NHAT

ELECTRICAL ENGINEERING AND COMPUTER SCIENCE DEPARTMENT

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ABOUT ME

Frameworks and Tools Pytorch 1.0+, Keras, Scikit-Learn, Pandas, Apache Airflow, Docker, AWS

Technical Skills Python, Arduino, L^AT_EX

Languages Fluent in English, Basic in Spanish

Interests Researching, Reading, Photography

TEAM-WORK AND LEADERSHIP EXPERIENCE

Vinuni Engineering Club

President

Vinuni, Hanoi (Autumn 2020)

- Co-Founding and managing the very first academia and engineering club at VinUniversity
- Managing the activities and giving development direction for 3 internal teams
- Leading Artificial Intelligence team focusing on research and data-science competitions in the club

Phan Science and Technology Club

Vice-president

Vinh, Vietnam (March 2019 to now)

- Managing and maintaining the activities of the club like conducting products and articles
- Helping and mentoring freshers in doing research and making data-driven products
- Leading teams to participate in science competitions

COMPETITIONS AND PERSONAL PROJECTS

STEME Vinuni competition

(July 2019)

- Creating a product that can solve environmental problem using stem-related knowledge.
- First prize (1/20 teams) with the solution named "New Traffic Light" reducing the wasted time and fuel at traffic intersection
- Fine-tuning the pre-trained object detection model to track traffic flows then applying Webster mathematical model to control traffic light effectively

Zalo AI challenges

(November 2020)

- Creating an Artificial Intelligent model to verify whether two audio utterances are belong to the same speaker
- Achieving top 8 position over more than 100 industrial and university teams
- Experimenting multiple Convolutional Neural Networks and other metric learning techniques

Kambria Hackathon

(September 2020)

- Participating Artificial Intelligent challenges about various topic including Reinforcement Learning, Recurrent Neural Network, ...
- Achieving Top 1 runner-up in Reinforcement Learning challenge

Sentiment Analysis Application

(September 2020)

- Experimenting and testing various natural language processing models for sentiment analysis tasks
- Building Back-end components including server-side, scheduler, API, database to deploy artificial intelligent models in production-mode
- Creating a web application which has ability to handle heavy workload with minimum latency

EDUCATION

VinUniversity

(2020-2023)

- Merit-based scholarship
- Electrical Engineering Major

Coursera

(2019 to present)

- Deep learning specialization series (deeplearning.ai)
- Linear Algebra for Machine Learning (Imperial College London)
- Machine Learning (Andrew Ng)
- Introduction to Probability (MIT OCW)