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, LaTeX
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 Artifical 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
- Using and fine-tuning the pre-trained MobileNet SSD to track traffic flows. Then using a mathematical model Webster to identify the most optimized time distribution for traffic light system. All the computations were done on Raspberry Pi 3 with the help of Movidius Stick 2 (USB GPU)

Zalo AI challeges   (November 2020)

- Creating an Artifical Intelligent model to verify whether two audio utterences are belong to the same speaker
- Acheiving top 8 position over more than 100 teams coming from all the regions of Vietnam
- Experimenting multiple Convolutional Neural Networks and other metric learning techniques

Kambria Hackathon   (September 2020)

- Participating Artifical Intelligent challenges about various topic including Reinforcement Learning, Recurrent Neural Network, ...
- Acheiving 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)