



CONTACT

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SKILL SUMMARY

- Good background in basic natural sciences: Mathematics (Calculus, Algebra, Optimization, Statistical Probability, Graph Theory...) and Physics
- Ability to do scientific research, read and understand specialized scientific documents, papers and reimplement solution in papers
- Background in machine learning, deep learning, computer vision, NLP
- Programming skills: OOP, data structures and algorithms, programming languages (Python, C/C++, C#, Matlab, Java), machine learning frameworks (TensorFlow, Keras, Scikit Learn)
- Microsoft Office: Word, Excel, PowerPoint
- Team working skill, problems solving skill, presentation skill, adaptability

AWARD

- 📖 Scientific articles are accepted and published in the proceedings of young scientific conferences and graduate students 2022 (UIT): WiFi-Based Human Activity Recognition with Machine Learning and Software Defined Radio Devices.
- 📖 Student's scientific research topic is approved 2022: WiFi-Based Human Activity Recognition with Machine Learning and Software Defined Radio Devices.
- 📖 Student's scientific research topic is approved 2021: Radio-Based Trespasser Detection using Deep Learning and SDR Devices.

PHAM MINH TUAN

ARTIFICIAL INTELLIGENCE ENGINEER INTERN

ABOUT

Senior year student at University of Information Technology - VNUHCM. Currently looking for an internship or fresher in Artificial Intelligence (machine learning) in order to improve professional skills and working experience. Desire to have a job and orientation to develop a career.

WORK EXPERIENCE

SCIENTIFIC RESEARCH

Research group of PhD. Nguyen Tan Hoang Phuoc - Faculty of Computer Networking and Communication - University of Information Technology - Vietnam National University - Ho Chi Minh City | Sept 2021 - present

- Topic leader: *WiFi-Based Human Activity Recognition with Machine Learning and Software Defined Radio Devices.*
- Topic leader: *Radio-Based Trespasser Detection using Deep Learning and SDR Devices.*
- Topic leader: *WiFi-Based Human Hand Gesture Recognition with Machine Learning and Software Defined Radio Devices.*
- Member: *Human Activity Recognition using LSTM-RNN.*
- Member: *AI for Education* (prediction performance).

PROJECTS

University of Information Technology - Vietnam National University - Ho Chi Minh City | Sept 2019 - present

- *WiFi-Based Human Activity Recognition with Machine Learning and Software Defined Radio Devices* (specialized project).
- *Algorithms for lightweight key exchange based RSA and ECC* (Network Security).
- *Groebner Basis Theory* (Computer Algebra).
- *Image Captioning using LSTM* (Machine Learning).

TMA Solution | April 2023 - August 2023

- *Position: AI engineer intern* (Computer vision)
- *Project:*

+*Inbody OCR: extract information from Inbody template* (Propose oneshot learning method for information extraction to solve the problem of no training data)

+*Prescription OCR: extract table information from Prescription* (Research SOTA table recognition models, Medical named entity recognition models)

EDUCATION

University of Information Technology Vietnam
National University - Ho Chi Minh City

Sept 2019 - present

- Major: Computer Network & Data Communication