Huynh Quoc Hoa

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📍 251/33 Vuon Lai, An Phu Dong Ward, District 12, Ho Chi Minh City

OBJECTIVE

Data Engineer and Data Scientist with 2+ years of experience in WeAI company, seeking full-time AI Engineer and Data Scientist roles.

EDUCATION

Industrial University of Ho Chi Minh city   2017 - 2021
- Department of Computer Science
- GPA: 3.34/4.0

WORK EXPERIENCE

Ho Chi Minh City, Kyanon   June, 2019 - Dec, 2019
Machine Learning Engineer Intern
- Learning machine learning
- Image processing

Ho Chi Minh City, WeAI   Feb, 2020 - Feb, 2023
Data Scientist - Data Engineer
- Collect and process data
- Research recommendation system
- Research topic modeling
- Research data digitization
- Apply automated digitizing tools to system
- Research latex OCR based on Transformer Model

RESEARCH

GANs for sparse data tomography, Graduation thesis
- Research about Generative Adversarial Network (GAN) model and Computed Tomography (CT) data. Build and train Pix2pix GAN model to improve CT image quality.

WeIUH Smart App, IUH Young Scientific Conference

Apply of Topic Modeling with Regularized Latent Semantic Indexing, IUH Young Scientific Conference
- Understand and implement topic modeling Regularized Latent Semantic Indexing method. Application to analyze the necessary skills of the jobs in a small group of Data Science.

Design an Ontology-based model for Intelligent Querying system in Mathematics Education, Journal of Interdisciplinary Mathematics
- Design a structure of knowledge graph to integrate into Ontology Rela-Ops model to create an intelligent querying system in the knowledge domain about high school mathematics.

SKILLS

Key skills:	Machine Learning Algorithms, Model Development, Data Visualization, Data Analysis
Techical skills:	Python, Matlab, Latex, SQL, MongoDB, HTML/CSS, Selenium, Pandas, NumPy, Scikit-Learn, Tensorflow, PyTorch, Docker, Github Actions
Languages:	Vietnamese, English
Soft Skills:	Working group, Self-study, Communication

ACHIEVEMENTS

- IUH Young Scientific Research Student 1st time in 2019
- IUH Young Scientific Research Student 2nd time in 2020