


Hieu Nguyen

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EDUCATION

The Chinese University of Hong Kong <i>PhD System Engineering & Engineering Management</i>	Aug. 2024
University of Information Technology (Vietnam National University - HCM) <i>Bachelors in Computer Science with Honour</i>	April 2022

COURSEWORK

Courses: Object-Oriented Programming, Data Structures & Algorithms, Linear Algebra, Calculus, Probability & Statistics
Awards: Honour List (all academic years), UIT Global Awards, Best Bachelors thesis award

EXPERIENCE

VinAI - Vingroup <i>Senior Research Resident @ Machine Learning Group</i> Research in Recommender system, Continual Learning, Large Language Models, Optimization Applied Project (6 months): Eye Gaze Estimation - AI core for intelligent driver assistant system. Advisor: Prof. Viet Anh Nguyen	Aug. 2022 – Jul. 2024
VinUni <i>AI Research Engineer</i> Joint work with Hanoi Obstetrics & Gynecology Hospital, build an LLM-powered screening chatbot to develop the next generation of gynecological care Build backend and main AI core for chatbot to screen patient's profile and appointment booking In Collaboration with Prof. Khoa Doan's team	Aug. 2023 – Dec. 2023

PUBLICATION

Ngoc Bui, Hieu Trung Nguyen , Viet Anh Nguyen, Rex Ying, Structure-aware Graph Explainer via Myerson-Taylor Interaction Index (ICML 2024)
Bao Nguyen, Binh Nguyen, Hieu Nguyen , Viet Anh Nguyen Generative Conditional Distributions by Neural (Entropic) Optimal Transport , (ICML 2024)
Hieu Trung Nguyen , Duy Nguyen, Khoa D. Doan, Viet Anh Nguyen, Cold-start Recommendation by Personalized Embedding Region Elicitation (UAI 2024)
Hieu Trung Nguyen , Tran Dinh Khang, Ngoc Hoang Luong Combining Soft-Actor Critic with Cross-Entropy Method for Policy Search in Continuous Control (IEEE CEC 2022 - Oral)

PREPRINT

Nghia D. Nguyen, Hieu Trung Nguyen , Ang Li, Hoang Pham, Viet Anh Nguyen, Khoa D. Doan, Forget but Recall: Incremental Latent Rectification in Continual Learning (under review)
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SKILLS

Languages: Vietnamese (Native), English (IELTS Academic 7.5)
Programming: Python, \LaTeX
Tools: Git/GitHub, Docker, Vscode