

Hieu Trung Nguyen

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EDUCATION

The Chinese University of Hong Kong August 2024 - Present
PhD Systems Engineering & Engineering Management
University of Information Technology (Vietnam National University - HCM) April 2022
Bachelors in Computer Science with Honour

EXPERIENCE

VinAI - Vingroup | *Senior Research Resident @ Machine Learning Group* Aug. 2022 – Jul. 2024
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**

VinUni | *AI Research Engineer* Aug. 2023 – Dec. 2023
Joint work with Hanoi Obstetrics & Gynecology Hospital, build an LLM-powered screening chatbot to develop the next generation of gynecological care
Build the backend and main AI core for the chatbot to screen patient's profile and appointment booking
In Collaboration with **Prof. Khoa Doan's** team

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 Trung 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)

AWARDS

Honour List (all academic years), UIT Global Awards

Best Bachelor thesis award

ICML 2024 Travel Grant

PROFESSIONAL SERVICE

Reviewer: NeurIPS 2024

SKILLS

Languages: Vietnamese (Native), English (IELTS Academic 7.5)

Programming: Python, Latex