

# Hieu Trung Nguyen

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## EDUCATION

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**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

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**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

**Team Computational Resources Coordinator** Aug. 2023 – Present  
Responsible for researching, acquiring, setting up, maintaining, and managing the most suitable computational resources to support the research needs of a team of 20 members working on Deep Learning and Optimization.

## PUBLICATION

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**Hieu Trung Nguyen**, Bao Nguyen, Binh Nguyen, Viet Anh Nguyen, **Task-driven Layerwise Additive Activation Intervention** (Main conference - NAACL 2025)

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

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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

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Honour List (all academic years), UIT Global Awards

Best Bachelor thesis award

ICML 2024 Travel Grant

## PROFESSIONAL SERVICE

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**Reviewer:** ICML2025, ICLR2025, WWW2025, NeurIPS2024

## SKILLS

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

**Programming:** Python, Latex