

Hung Mai

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About me

AI researcher with interests including, but not limited to, generative models, robotics, multimodal learning, world models, and natural language processing.

Experience

Research Intern, Singapore Management University – Remote, Singapore 04/2026 – Present

Research on World Action Models for Robotics Policies, under the supervision of Asst. Prof. [Bin Zhu](#).

AI Scientist, N2TP Technology Solution JSC – Onsite, Ha Noi, Vietnam 10/2025 – Present

Research on AI models with focus on: Multimodal, Empirical Methods, Robotics, and Theoretical ML. Aiming for publications at A/A* ranked conference.

Visiting Student, Yuan Ze University – Onsite, Taoyuan, Taiwan 06/2025 – 8/2025

Research on enhancing MoE Transformer Visuomotor Policy. Funded by the [IIPP program](#), supervised by Asst. Prof. [Naeem Ul Islam](#).

Data Scientist Intern, VPBank – Onsite, Ha Noi, Vietnam 07/2024 – 11/2024

Project Owner of Smart Invoice Reader, an end-to-end OCR system for enterprise invoice extraction that served 300+ internal bank users with over 92% accuracy in its first phase.

Research Assistant, NEU Codelab – National Economics University, Ha Noi, Vietnam 04/2023 – 06/2024

Research on applying AI and ML/DL in education and NLP. Under the supervision of [Xuan Lam Pham, PhD](#) and [Toan Luu, PhD](#).

Education

National Economics University, BSc in Mathematical Economics 11/2022 – 06/2026

Program: Data Science in Economics and Business

CGPA: 3.95/4.0 (Rank 1st/90)

Languages

- English: IELTS 7.0 - 2021
- Chinese: HSK3 - 2023

Publications

Conference

- Hung Mai (1st auth), "An Information-Theoretic Foundation for the Subregular Hierarchy". *Proc. of 64th Annual Meeting of the Association for Computational Linguistics (ACL 2026)*, Poster–Main Track.
- Hung Mai (4th auth), "The Fisher Dimension: Instance-Dependent Complexity for Causal Discovery". *Proc. of 43rd International Conference on Machine Learning (ICML 2026)*, Poster.
- Hung Mai (3rd auth), "When Does Model Multiplicity Affect Prediction Intervals? A Sharp Phase Transition". *Accepted to 42nd Conference on Uncertainty in Artificial Intelligence (UAI 2026)*, Poster.
- Hung Mai (2nd auth), "MEAT: Mixture of Experts in Action Transformer for Robotic Arm Control". *Proc. of 7th International Conference on Cognitive Machine Intelligence (CogMI 2025)*, IEEE.
- Hung Mai (3rd auth), "FinStat2SQL: A Text2SQL Pipeline for Financial Statement Analysis". *Proc. of 18th International Natural Language Generation Conference (INLG 2025)*, ACL.

- Hung Mai (2nd auth), "Efficient Vietnamese Name Detection using Highly Discriminative N-Grams", *Proc. of 17th Asian Conference on Intelligent Information and Database Systems (ACIIDS 2025)*, IEEE.
- Hung Mai (2nd auth), "NEU-ESC: A Comprehensive Vietnamese Dataset for Educational Sentiment Analysis and Topic Classification", *Proc. of the 2024 International Symposium on Nonlinear Theory and Its Applications (NOLTA 2024)*, IEEE.

Journal

- Hung Mai (1st auth), "Mixture-of-Experts Action Chunking Transformers for High-Precision Robot Imitation Learning", *Accepted to Robotics and Autonomous Systems*, 2026.
- Hung Mai (2nd auth), "Efficient Vietnamese Name Retrieval using Highly Discriminative N-Grams", *Journal of Data Science and Artificial Intelligence*, vol. 4, no. 1, 2025.
- Hung Mai (2nd auth), "Enhancing Educational Evaluation through Predictive Student Assessment Modeling", *Computers and Education: Artificial Intelligence*, vol. 6, 2024.

Preprint

- Hung Mai (1st auth), "Beyond Task Success: Behavioral and Representational Diagnostics for WAM and VLA".
- Hung Mai (1st auth), "EA-Swin: An Embedding-Agnostic Swin Transformer for AI-Generated Video Detection".
- Hung Mai (1st auth), "NEU-ESC: A Comprehensive Vietnamese dataset for Educational Sentiment analysis and topic Classification toward multitask learning".

Services

Reviewer @ UAI'26

Assist to reviewer @ ICML'26 & NeurIPS'26

Awards

Subsidy: Diversity & Inclusion Subsidy for Attendance ACL 2026

University Scholarship: 3 Excellent Merit-based Scholarships.

Hackathon: VPBank Technology Hackathon 2024 Finalist.

Scientific Research: Two 2nd prizes, Three 3rd Prizes in NEU Student Research Competition