Yihan Tang

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PROFESSIONAL SUMMARY

I am an enthusiast in AI for Healthcare and Natural Language Processing (NLP). I have great passion for applying Deep Learning algorithms and NLP-based ideas to developing solid prediction models for tabular data. I am proficient in Python, PyTorch, and R.

EDUCATION

The University of Hong Kong, Hong Kong SAR Expected May 2026
BASc in Applied Artificial Intelligence, GPA: 3.91/4.30
Relevant Coursework: Artificial Intelligence, Programming in C++ and Linux Shell, Linear Algebra, Multivariate Calculus, Linear Statistical Analysis, Data Visualization

Stanford University, Stanford, CA June 2023 - August 2023
International Honors Program (IHP), Stanford 2023 Summer Quarter
Concentration in Computer Science
Relevant Coursework: Artificial Intelligence (CS221), Computer Organization (CS107), High-Performance Computing (ME344S)

HONORS AND AWARDS

Recipient of Summer Research Fellowship (SRF), The University of Hong Kong 2024
Dean's Honors List, Faculty of Science, The University of Hong Kong 2023 - 2024
Undergraduate Exchange Scholarships for IHP at Stanford University, issued by The University of Hong Kong 2022 - 2023

EXPERIENCE

Undergraduate Research Assistant March 2024 - Present
MedAI Lab, Department of Statistics and Actuarial Science, The University of Hong Kong
Advisor: Professor Lequan Yu

- As second author, implement 16 base Electronic Health Records (EHR) models on 2 clinical tasks and compare them with the multimodal EHR model that my research team proposed
- Innovate a graph structure of arranging EHR data to incorporate ontological information
- Replicate and improve a previous paper (Yang et al., 2023) with an incomplete codespace
- Replicate results of an important benchmark (Harutyunyan et al., 2019) on MIMIC-III data

SKILLS

Python | Deep Learning | Healthcare Data Analysis | Data Visualization | C++

CERTIFICATIONS

- Human Research (Data or Specimens Only Research), CITI Program March 2024

RECOGNITIONS

- Student Peer Advisor, Faculty of Science, The University of Hong Kong 2024 - 2025
- Founder of Shun Hing College Tech Club, The University of Hong Kong 2024