

Shuaiyi Li

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Education

The Chinese University of Hong Kong , Ph.D. in System Engineering & Engineering Management	Oct 2022 – Now
• Supervisor: Prof. LAM Wai	
King's College London , MS in Data Science	Sept 2020 – Sept 2021
• Pass with Distinction	
Bangor University & Central South University of Forestry and Technology , BS in Electronic Engineering	Sept 2016 – June 2020
• Graduated with First Class Honors	

Experience

Research Intern , Tecton AI Lab	March 2024 – Now
• Mentor: Zhisong Zhang	

Selected Publications

Consecutive Batch Model Editing with Hook Layers	EMNLP 2024
Shuaiyi Li, Yang Deng, Deng Cai, Hongyuan Lu, Liang Chen, Lam Wai	
DepWiGNN: A Depth-wise Graph Neural Network for Multi-hop Spatial Reasoning in Text	EMNLP 2023 Findings
Shuaiyi Li, Yang Deng, Lam Wai	
Attention Entropy is a Key Factor: An Analysis of Parallel Context Encoding with Full-attention-based Pre-trained Language Models	ACL 2025 oral
Zhisong Zhang, Yan Wang, Xinting Huang, Tianqing Fang, Hongming Zhang, Chenlong Deng, Shuaiyi Li, Dong Yu	
A Silver Bullet or a Compromise for Full Attention? A Comprehensive Study of Gist Token-based Context Compression	ACL 2025
Chenlong Deng, Zhisong Zhang, Kelong Mao, Shuaiyi Li, Xinting Huang, Dong Yu, Zhicheng Dou	
InComeS: Integrating Compression and Selection Mechanisms into LLMs for Efficient Model Editing	Under review
Shuaiyi Li, Zhisong Zhang, Yang Deng, ChenLong Deng, Tianqing Fang, Hongming Zhang, Haitao mi, Dong Yu, Lam Wai	

Honors

CUHK Vice-Chancellor's Ph.D. Scholarship	2022
Outstanding Graduate of Central South University of Forestry and Technology	2020
W E Williams Prize for the Best Second Year Student of Bangor University, School of Computer Science & Electronic Engineering	2018
First-class Scholarship of Central South University of Forestry and Technology	2017, 2018

Teaching

Multivariable Calculus for Engineers: 2023 Spring
E-Commerce Data Mining Technique: 2023 Autumn, 2024 Autumn