Xiaopeng LI

LAST UPDATED: MARCH 26, 2024

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RESEARCH INTERESTS	Trustworthy Graph Neural Networks, Data Mining, Recommender Systems.	
Education	B.S. in Software Engineering GPA 90.8/100 Ranked 2nd/117 Qingdao University of Technology, Qingdao, China Sep. 2020 - Jun. 2024 (Expected) SKILLS Python, PyTorch, Machine Learning, LLMs, SQL, Git, LATEX	
RESEARCH EXPERIENCE	Digital Humanity Laboratory - School of Humanities and Foreign Lang Advisor: Prof. Roger Fung Apr. 20	uages, QUT
	Data Science Group - School of Science, QUT Advisor: Prof. Lisha Wang Oct. 2020	- Nov. 2023
	Machine Learning Laboratory-School of Information and Control Engine Advisor: Prof. Quanqiang Zhou Dec. 2020	eering, QUT - Nov. 2021
Scholarships	National Encouragement Scholarship (Top 0.5%), Ministry of Education	Dec. 2023
	National Encouragement Scholarship (Top 0.5%), Ministry of Education	Dec. 2022
	Qingdao Bank Scholarship (Top 0.7%), Bank of Qingdao Company Limited	Dec. 2021
Awards and Honors	Honorable Mention Award in Mathematical Contest In Modeling $Mathematical\ Association\ of\ America\ (MAA)$	Apr. 2023
	First Prize Award in National Mathematical Contest in Modeling Shandong Provincial Education Department	Nov. 2022
	Grand Prize Award in "FLTRP·ETIC Cup" English Writing Contest Campus Round, Foreign Language Teaching and Research Press (FLTRP)	Oct. 2022
	Third Prize Award in National College English Speaking Competition Regional Final, China Daily "21st Century Cup" Organizing Committee [Video]	Jul. 2022
	Third Prize Award in LAN QIAO Programming Contest (Python) Regional Final, Ministry of Industry and Information Technology Center	May. 2022
	First Prize Award in National College English Speaking Competition Campus Round, China Daily "21st Century Cup" Organizing Committee [Video]	Apr. 2022
	First Prize Award in Shandong Collegiate Choral Art Festival 2021 Shandong Provincial Education Department	Nov. 2021
Professions	IIM Duiven Multimedia System for International Chinese Education	

PROJECTS

LLM-Driven Multimedia System for International Chinese Education Awarded the 2023 National Collegiate Innovation and Entrepreneurship Project

Advisor: Prof. Roger Fung | Official website: www.HSKhelper.Top

Jul. 2023 - Present

- Interactive online learning platform with Langchain Framework and Prompt Engineering.
- Uni-app development for Android & iOS, featuring Strokes Animation, Character Writing, and AI functionalities like OCR and Machine Translation.
- A content recommendation system was implemented, tailoring exercises based on users' performance, ensuring the selection of appropriately challenging questions for effective learning.
- Personal ESP32-based chatbot using LLM API, enriched with expressive MasterGo emoticons and Azure TTS for Chinese voice responses. [Video]