

# Xiaopeng Li

CITIZENSHIP PEOPLE'S REPUBLIC OF CHINA

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RESEARCH INTERESTS	Machine Learning-based Human-Robot Interaction, Data Science, Visualization Education, Digital Humanity.	
EDUCATION	<b>B.S. in Software Engineering</b> Qingdao University of Technology, Qingdao, China <b>SKILLS</b> Python, PyTorch, Machine Learning, NLP/LLMs, SQL, Git, L <sup>A</sup> T <sub>E</sub> X	<b>GPA 90.67/100 Ranked 3rd/117</b> Sep. 2020 - Jun. 2024 (Expected)
	<b>B.S. in Electrical Engineering and Automation</b> Qingdao University of Technology, Qingdao, China <b>SKILLS</b> Robot Operating System (ROS2), Java, Android&Web Development	<b>GPA 92.22/100 Ranked 1st/141</b> Sep. 2020 - Jun. 2021 (Switched)
RESEARCH EXPERIENCE	<b>Digital Humanity Laboratory - School of Humanities and Foreign Languages, QUT</b> Advisor: Prof. Roger Fung	Apr. 2023 - Present
	<b>Data Science Group - School of Science, QUT</b> Advisor: Prof. Lisha Wang	Oct. 2020 - Nov. 2023
	<b>Robot Learning Laboratory-School of Information and Control Engineering, QUT</b> Advisor: Prof. Quanqiang Zhou	Dec. 2020 - Nov. 2021
SCHOLARSHIPS	<b>National Encouragement Scholarship</b> (Top 0.3%), Ministry of Education	Dec. 2023
	<b>National Encouragement Scholarship</b> (Top 0.3%), Ministry of Education	Dec. 2022
	<b>Qingdao Bank Scholarship</b> (Top 1%), Bank of Qingdao Company Limited	Dec. 2021
AWARDS AND HONORS	<b>Honorable Mention Award in Mathematical Contest In Modeling</b> Mathematical Association of America (MAA)	Apr. 2023
	<b>First Prize Award in National Mathematical Contest in Modeling</b> Shandong Provincial Education Department	Nov. 2022
	<b>Grand Prize Award in "FLTRP·ETIC Cup" English Writing Contest</b> Campus Round, Foreign Language Teaching and Research Press (FLTRP)	Oct. 2022
	<b>Third Prize Award in National College English Speaking Competition</b> Regional Final, China Daily "21st Century Cup" Organizing Committee	Jul. 2022
	<b>Third Prize Award in LAN QIAO Programming Contest (Python)</b> Regional Final, Ministry of Industry and Information Technology Center	May. 2022
	<b>First Prize Award in National College English Speaking Competition</b> Campus Round, China Daily "21st Century Cup" Organizing Committee	Apr. 2022
	<b>First Prize Award in Shandong Collegiate Choral Art Festival 2021</b> Shandong Provincial Education Department	Nov. 2021
PROJECTS	<b>LLM-Driven Multimedia System for International Chinese Education</b> Awarded the 2023 National Collegiate Innovation and Entrepreneurship Project Advisor: Prof. Roger Fung   Official website: <a href="http://www.hskhelper.top">www.hskhelper.top</a> Jul. 2023 - Present <ul style="list-style-type: none"><li>- Interactive online learning platform with Langchain Framework and Prompt Engineering.</li><li>- Uni-app development for Android &amp; iOS, featuring Strokes Animation, Character Writing, and AI functionalities like OCR and Machine Translation.</li><li>- Personal ESP32-based chatbot using LLM API, enriched with expressive MasterGo emoticons and Azure TTS for Chinese voice responses.</li></ul>	