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Education

University of Science and Technology of China	Sept. 2023 – Jun. 2026
M.Sc. in Computer Science & Technology, advised by Prof. Hao Zhou	Hefei, China
Soochow University	Sept. 2019 – Jun. 2023
B.Eng in Computer Science & Technology	Suzhou, China
• GPA: 3.90/4, Average Score: 93.9/100, Rank: 2/158	

Experience

Microsoft (Microsoft Software Technology Center Asia)	Jun. 2025 – Sep. 2025
Software Engineer Intern, SOX/Teams Group, mentored by SR.SDE. Yi Jiang & SDE II Xiangyu Shen	Suzhou, China
• Developed the Teams AI Rehearsal module to automatically generate multi-dimensional summaries and feedback from meeting content with LLM, helping presenters improve their performance.	
• Designed and optimized prompt engineering to constrain LLM outputs into structured JSON, ensuring accuracy, stability, and reusability of feedback. Implemented front-end integration in React , presenting results through an interactive radar chart for a clear and intuitive user experience.	
Microsoft (Microsoft Research Asia)	Nov. 2022 – Apr. 2023
Research Intern, SRG/Heterogeneous Extreme Computing (HEX) Group, mentored by SR. RSR. Kun Li	Beijing, China
• Addressed the inefficiency of traditional DFT (Density Functional Theory) methods in quantum chemistry on GPUs by optimizing memory layout through block constructors , reducing memory requirements from $O(n^4)$ to $O(n^2)$.	
• Developed a graph compiler to abstract computations into directed acyclic graphs , automating the generation of optimal computation paths. Implemented CUDA code, achieving a 10x acceleration in computational performance.	
Microsoft (Microsoft Software Technology Center Asia)	Jul. 2022 – Oct. 2022
Software Engineer Intern, M365/Data and analysis (DnA) Group, mentored by SR.SDE. Guo Yi	Suzhou, China
• Developed Intelligent Diagnostic Tool for Teams to address inefficiencies in troubleshooting real-time data processing pipelines and reduce reliance on expert knowledge , and integrated it with the Microsoft Data Manager UI system.	
• Built a data collection module to integrate multi-source data across platforms, including logs, databases, internal records, and CFV. Implemented a cross-validation diagnostic algorithm, reducing troubleshooting time from hours to minutes , and supporting root cause analysis for 50+ event types and thousands of fields. Designed an intelligent summary generation module to parse and trace issues, providing comprehensive and detailed support for subsequent anomaly prevention.	

Publications

SaTrack: LoS/NLoS State-Aware WiFi Indoor Tracking System	Dec. 2024
IEEE International Conference on Sensing, Communication, and Networking (SECON 2024) [CCF-B]	Phoenix, USA
• Optimized the EM-based path decomposition algorithm by leveraging the diversity of multi-antenna reference signals to enhance path estimation accuracy.	
• Applied DBSCAN for dual-domain path selection in both spatial and temporal domains, addressing performance degradation in WiFi indoor positioning under non-line-of-sight scenarios.	
• Achieved a median tracking error of 0.64m in complex environments, significantly outperforming existing solutions.	

Competitions

Collegiate Computer Systems & Programming Contest (CCSP) Bronze Medal	Oct. 2020
LanQiao Cup Algorithm Competition (C++ & Python) Provincial First Prize & National Excellence Award	Jun. 2022
China Undergraduate Mathematical Contest in Modeling Provincial First Prize	Nov. 2021
Mathematical Contest In Modeling Meritorious Winner	Mar. 2022

Projects

Millimeter-wave based voiceprint & phonetic recognition system	Feb. 2025
• Developed a non-contact sensing system using millimeter-wave radar to capture laryngeal vibration signals , with subsequent feature extraction and noise suppression processing.	
• Implemented neural network architectures for pattern recognition, achieving 96% accuracy on 46-class voiceprint identification and 98% accuracy on 48-class phonetic symbol recognition	

Leadership & Extracurricular

Student Association for Science and Technology	Aug. 2020 – Sept. 2021
President	School of Computer Science & Technology, Soochow University
• Managed all departments & Organized meetings & Reached business cooperation with LeetCode .	
Graduate Student Union	Aug. 2024 – Sept. 2025
Minister of Publicity Department	School of Computer Science & Technology, University of Science and Technology of China
• Edited and reviewed official posts & Hosted school events & Photographed event visuals for promotional use.	

Honors & Awards

Top Prize of Academic Excellence (2%), First Prize of Research and Innovation (5%), Zhengxiong Scholarship (2%), Merit Student, Excellent Graduation Thesis, Outstanding Graduate Award