

Education

University of Texas at Austin

Aug 2025 - Present

Ph.D. in Computer Science

Advisor: Vijay Chidambaram

University of Science and Technology of China

Sep 2021 - Jun 2025

School of the Gifted Young, Hua Xia Talent Program in Computer Science

Bachelor of Science in Computer Science

GPA: 3.90/4.3 (90.29/100)

Ranking: 12/258

Research Experiences

Research Assistant, System and Storage Lab, UT Austin

Aug 2025 - Present

Explore the possibility of utilizing CXL to enhance distributed vector database.

Advisor: Vijay Chidambaram

Research Assistant, School of Computing and Data Science, UIUC

Jul 2024 - Jan 2025

Resolve the correctness problem in Kubernetes controllers' design and implementation.

Advisor: Tianyin Xu

Research Assistant, Advanced Data Systems Laboratory, USTC

Sep 2023 - June 2024

Resolve the bottleneck of distributed GNN training on large graphs.

Advisor: Cheng Li

Remote Research Assistant, School of Computing and Data Science, UIUC

Jul 2023 - Aug 2023

Topological Anonymous Walk Embedding: A New Structural Node Embedding Approach.

Yuchen Yan, Yongyi Hu*, Qinghai Zhou, Shurang Wu, Dingsu Wang, and Hanghang Tong. In Proceedings of CIKM'24*

Advisor: Hanghang Tong

Projects and Teaching

Teaching Assistant of CS375 Compiler, UT Austin

Aug 2025 - Present

- Course for undergraduate students in the Department of Computer Science, UT Austin.

Teaching Assistant of Operating Systems (Honor), USTC

Mar - Jul 2024, Mar - Jul 2025

- Honor course for undergraduate students in the Hua Xia Talent Program in Computer Science, USTC.

Teaching Assistant of Computer Network, USTC

Sept 2023 - Jan 2024

- Core course for undergraduate students in the School of Computer Science and Technology, USTC.

Life@USTC [As developer]

Feb 2023 - Jul 2024

- An iOS app that helps students at USTC to get information about their daily life. More than 10K users.

ErisFS: A comprehensive virtual filesystem for FreeRTOS. [As group leader]

Mar 2023 - Jul 2023

- A virtual filesystem for FreeRTOS with extensibility to multiple filesystems and storage medias.

Awards

- UT Austin Wesley W. Calhoun Jr. Endowed Scholarship, Aug 2025
- USTC Fellowship, May 2025
- USTC Excellent Student Scholarship, Bronze, Dec 2021; Bronze, Dec 2021; Silver, Dec 2023; Gold, Dec 2024
- USTC Talent Program Scholarship, Grade B, Dec 2022; Grade A, Dec 2023
- USTC Yu Qing Software Develop Competition, Silver, Dec 2023