

Qixuan(Talia) Chen

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EDUCATION

University of Texas at Austin

Austin, TX

Ph.D. in Computer Science

Sep. 2025

- Advisor: Vijay Chidambaram

Boston University

Boston, MA

Bachelor of Arts & Master of Science in Computer Science

Sep 2021 – May 2025

- GPA: 3.85/4.0
- Advisor: Vasiliki (Vasia) Kalavri

RESEARCH INTERESTS

ML Systems, File and Storage Systems, Distributed Systems

RESEARCH EXPERIENCE

Research Assistant

Sep 2023 – Present

Boston University CASP Lab

Boston, MA

- Advisor: Vasiliki Kalavri
- Scale Graph Neural Network sampling on large-than-memory graphs using `io_uring`
- Achieved 1.5x better performance on CPU compared to baselines, matching efficiency of GPU-accelerated systems

INDUSTRY EXPERIENCE

Software Engineer Intern

Sep 2022 – Present

BU Spark! at Boston University

Boston, MA

- Developed an interactive data management portal for Harvard University Herbaria using PHP, integrating a text recognition ML model to streamline data entry and significantly enhance data management efficiency

Frontend Engineer

Nov 2022 – Aug 2023

SunnySide

Remote

- Led React Native development for a mental health app, designing key screens from Figma prototypes and optimizing journal storage using `WebView` with the `Quill` library

EXTRACURRICULAR ACTIVITIES

Co-director

Sep 2022 – May 2024

BU Machine Intelligence Community(BUMIC)

Boston, MA

- Organized weekly cooperative learning workshops and public speaking events on Machine Learning to engage students and foster community growth

AI Fellow

Oct 2024

Break Through Tech

Boston, MA

- Mentored women & non-binary students interested in ML, sharing personal experience and providing career advice

AWARDS

Finalist of Student Research Competition | SOSP 2024

Nov 2024

Presented a poster and delivered a research talk, earning 2nd place in the undergraduate category

Student Scholarship | SOSP 2024

Oct 2024

Received scholarship covering travel and accommodation costs for attending SOSP2024 in-person

UROP Research Award | Boston University

Apr 2024

Awarded funding by BU UROP to conduct research

Best College Life Hack Award | BostonHacks 2022

Nov 2022

Recognized for creating the best hackathon project to enhance college life

SERVICE

- Artifact Evaluation Committee: OSDI'25
- Volunteer: SOSP'24