

# 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**

## PUBLICATIONS

- **Qixuan Chen**, Yuhang Song, Melissa Martinez, Vasiliki Kalavri. **RingSampler: GNN Sampling on Large-Scale Graphs with io\_uring**. *Proceedings of the 17th ACM Workshop on Hot Topics in Storage and File Systems (HotStorage)*, pages 52–60. (HotStorage '25)

## RESEARCH EXPERIENCE

### Research Assistant

Aug 2025 - Present

*UT Systems and Storage Lab*

*Austin, TX*

- Advisor: Vijay Chidambaram

### Research Assistant

Sep 2023 – Jul 2025

*Boston University CASP Lab*

*Boston, MA*

- Advisor: Vasiliki Kalavri
- Scale Graph Neural Network sampling on large-than-memory graphs using io\_uring

## INDUSTRY EXPERIENCE

### Software Engineer Intern

Sep 2022 – May 2025

*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

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<b>Finalist of Student Research Competition</b>   SOSP 2024 <i>Presented a poster and delivered a research talk, earning 2nd place in the undergraduate category</i>	Nov 2024
<b>Student Scholarship</b>   SOSP 2024 <i>Received scholarship covering travel and accommodation costs for attending SOSP2024 in-person</i>	Oct 2024
<b>UROP Research Award</b>   Boston University <i>Awarded funding by BU UROP to conduct research</i>	Apr 2024

## SERVICE

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