

Iniyan Joseph

Education

2023 - 2025 **B.S. in Computer Science**, University of Texas at Dallas, August 2025,
Graduated Summa Cum Laude (3.987/4)

Research

2024 - Present **Advised by Emily Fox**

2023 - 2024 **Advised by Jin-Ryong Kim**

Publications

- [1] H. Gil, A. Pratap, I. Joseph, and J. R. Kim, "PropType: Everyday Props as Typing Surfaces in Augmented Reality," in *Proceedings of the 2025 CHI Conference on Human Factors in Computing Systems*, in CHI '25.: Association for Computing Machinery, 2025. doi: 10.1145/3706598.3714056.
- [2] H. Gil, I. Joseph, and J. R. Kim, "Design Challenges of In-Air Thumb Typing on Head-Mounted Displays."
- [3] I. Joseph, "Survey of Discrete Fair Division," Written for CS 4V95, Independent Study. [Online]. Available: <https://iniyanijoseph.github.io/publications/fairdivisionsurvey/main.pdf>
- [4] I. Joseph, S. Sundar, and I. Joseph, "AI-Driven Adaptive Extended Reality System and Method for Personalized Cognitive, Emotional, and Behavioral Interventions," 2025

Employment

2025 - Present **Teacher**, KD College Prep

2025 - 2025 **Software Engineer**, ReviveXR

2025 - 2025 **Substitute Teacher**, Frisco Independent School District

2025 - 2025 **Grader - Discrete Math for Computing**, University of Texas at Dallas

2022 - 2025 **Pianist - Seasonal**, Cedar Creek Lake United Methodist Church

Awards & Honors

2023 - 2025 **Academic Excellence Scholarship**, University of Texas at Dallas

2023 - 2025 **Dean's List**, University of Texas at Dallas, (Fall 2023, Spring 2024, Spring 2025, Summer 2025)

2023 **Gold Cup**, Texas Federation of Music Clubs

Other Activities

2024 - 2025 **UTD Algorithms Club**, President

2023 - 2025 **UTD Codeburners**

2023 - 2024 **Nebula Labs**

2009 - Present **Piano**