

# Iniyan Joseph

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## Education

- 2026 - **Ph.D in Computer Science**, Purdue University  
Advisor: Alex Psomas
- 2023 - 2025 **B.S. in Computer Science**, University of Texas at Dallas, August 2025,  
*Graduated Summa Cum Laude (3.987/4)*

## Research

- [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, with Emily Fox. [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 **Math 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

- 2026 - 2027 **Herbold Scholarship**, Purdue University
- 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

## Activities

- 2024 - 2025 **UTD Algorithms Club**, President
- 2023 - 2025 **UTD Codeburners**
- 2023 - 2024 **Nebula Labs**
- 2009 - Present **Piano**