

TIFFANY D. DO

Orlando, Florida

(512) · 633 · 6359 ◊ tiffanydo@knights.ucf.edu

EDUCATION

University of Central Florida

Jan 2020 - Present

Ph.D Computer Science Student

Concentration: Virtual and Augmented Reality

GPA: 4.0/4.0

University of Texas at Dallas

M.S. Computer Science, 2019

Concentration: Data Science

GPA: 3.94/4.0

University of Texas at Dallas

B.S. Computer Science, 2018

Summa Cum Laude

GPA: 4.0/4.0

RESEARCH APPOINTMENTS

eXtended Reality & Training (XRT) Lab, University of Central Florida

Jan 2020 - Present

Graduate Research Assistant

Orlando, FL

- Conducted research on education and training in extended reality (XR), including virtual reality (VR) and augmented reality (AR)

NSF REU, University of Texas at Dallas

May 2018 - Aug 2018

Undergraduate Research Assistant

Richardson, TX

- Performed statistical analysis to better aid refugee distribution services in the Dallas area with The Northwest Community Center. Deployed web service in August 2018.

NSF TANMS-ERC, University of Texas at Dallas

Jan 2017 - Aug 2017

Undergraduate Research Assistant

Richardson, TX

- Designed and tested novel methods to miniaturize micro-antennas in nanoscale multiferoic systems at the Translational Applications of Nanoscale Multiferoic Systems Engineering Research Center.

SCHOLARLY CONTRIBUTIONS

1. **Tiffany D. Do**, Dylan S. Yu, Alyssa Katz, and Ryan P. McMahan. (2020). Virtual Reality Training for Proper Recycling Behaviors. *To appear in Proceedings of 2020 International Conference on Artificial Reality and Telexistence & Eurographics Symposium on Virtual Environments (ICAT-EGVE)*, Orlando, United States, 2020, pp. 1-2
2. **Tiffany D. Do**, Joseph J. LaViola Jr., and Ryan P. McMahan. (2020). The Effects of Object Shape, Fidelity, Color, and Luminance on Depth Perception in Handheld Mobile Augmented Reality. *To appear in Proceedings of 2020 IEEE International Symposium on Mixed and Augmented Reality (ISMAR)*, Porto de Galinhas, Brazil, 2020, pp. 1-9
3. **Tiffany D. Do**, Dylan S. Yu, Salman Anwer, and Seong Ioi Wang. (2020). Using Collaborative Filtering to Recommend Champions in League of Legends. *To appear in Proceedings of 2020 IEEE Conference on Games (CoG)*, Osaka, Japan, 2020, pp. 1-4

PROFESSIONAL APPOINTMENTS

Axxess Technology Solutions

Backend Engineering Intern

May 2019 - Aug 2019

Dallas, TX

- C#.NET Developer for home healthcare software
- Developed an API for external clients and automated order systems
- Designed MySQL database tables for new features, focusing on optimization and normalization

OnPoynt Aerial Solutions

Full-stack Developer Intern

Aug 2018 - Dec 2018

Richardson, TX

- Developed a cross platform mobile application for drone racing as a social network using Ionic framework
- Designed all UX in Adobe Experience Design for the application

TEACHING APPOINTMENTS

COP 3502 Computer Science 1 in C

University of Central Florida

Spring 2020, Fall 2020

- Teaching assistant and lab instructor for CS1
- Taught 2-3 lab sections of C labs per semester

HONORS AND AWARDS

IEEE CIS Student Travel Grant

IEEE Computer Information Society

2020

Amount: \$150

CRA-WP

Computing Research Association - Widening Participation

2020

Awarded a scholarship to attend the 2020 CRA-WP Workshop in Austin, Texas

Academic Excellence Scholarship Honors

University of Texas at Dallas

Aug 2016 - Dec 2019

Amount: \$72,953 (Full academic scholarship)

Grace Hopper Scholarship

University of Texas, Dallas

2018

Awarded a scholarship to attend the Grace Hopper Celebration