

# TIFFANY D. DO

Orlando, Florida

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## EDUCATION

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### 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

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### 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

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1. **Tiffany D. Do**, Dylan S. Yu, Alyssa Katz, and Ryan P. McMahan. (2020). Virtual Reality Training for Proper Recycling Behaviors. *In ICAT-EGVE 2020 -International Conference on Artificial Reality and Telexistence and Eurographics Symposium on Virtual Environments - Posters and Demos*, The Eurographics Association, Orlando, USA, 2020, pp. 31-32. <https://doi.org/10.2312/egve.20201284>
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. *In Proceedings of 2020 IEEE International Symposium on Mixed and Augmented Reality (ISMAR)*, IEEE, Porto de Galinhas, Brazil, 2020, pp. 64-72. <https://doi.org/10.1109/ISMAR50242.2020.00026>
3. **Tiffany D. Do**, Dylan S. Yu, Salman Anwer, and Seong Ioi Wang. (2020). Using Collaborative Filtering to Recommend Champions in League of Legends. *In Proceedings of 2020 IEEE Conference on Games (CoG)*, IEEE, Osaka, Japan, 2020, pp. 650-653. <https://ieeexplore.ieee.org/document/9231735>.

## PROFESSIONAL APPOINTMENTS

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### **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

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### **CGS 3763 Operating Systems Concepts**

*Teaching Assistant*

Spring 2021

### **COP 3502 Computer Science 1 in C**

*Teaching Assistant and Lab Instructor*

Spring 2020, Fall 2020

- Instructed three lab sections of 30-60 students per semester
- Proctored exams and quizzes

## HONORS AND AWARDS

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### **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

## SERVICE AND OUTREACH

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### **Esports at UCF**

*Marketing Staff and Video Editor*

2020 - 2021

### **National Center for Women & Information Technology (NCWIT)**

*Aspirations in Computing (AiC) Reviewer*

2018