Brett Benda

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Education

PhD Human-Centered Computing, University of Florida **2019-Present**
Adviser: Dr. Eric D. Ragan
Current GPA: 4.00/4.00

B.S. Digital Arts and Science, University of Florida **2019**
Final GPA: 3.52/4.00

Research Experience

Graduate Research Assistant **2019-Present**
Adviser: Dr. Eric D. Ragan

- *Detection of Remapped Hands in VR* **2019-Present**
  Investigates the extend to which hand movement can be scaled or placement offset before they are detectable to users.

- *User Trust in Machine Learning* **2020-Present**
  Examines how what users are initially told about a machine learning/AI system effects their trust and user of the system.

Undergraduate Research Assistant **2017-2019**
Adviser: Dr. Jaime Ruiz

- *Communicating with Computers* **2017-2019**
  Investigated and evaluated design practices for virtual agents in collaborative tasks with humans.

- *Biometrics Project* **2018-2019**
  Explored attitudes and perceptions held by humans towards user authentication with body-movement and speech modalities.

Teaching Experience

Undergraduate Teaching Assistant **2017-2019**
CAP 3220 (3D Modeling)

- Instructor: Dr. Rong Zhang
- Acted as primary grader for course assignments.

- Assisted students during in-class activities and during office hours.

CEN 3031 (Programming II)**, COP 3503** (Introduction to Software Engineering)

- Instructor: Mr. Joshua Fox
- Wrote and developed course assignments and supplemental materials.
- Responsible for leading 2-3 discussion sections per week.
- Held office hours to facilitate learning of students.

Publications

Peer-Reviewed Conference Publications

1. Esmaeili, S., **Benda, B.**, and Ragan, E. (2020). Detection of Scaled Hand Interactions in Virtual Reality: The Effects of Motion Direction and Task Complexity. IEEE Conference on Virtual Reality and 3D User Interfaces (IEEE VR 2020).

2. Woodward, J., Cato, J., Smith, J., Wang, I., **Benda, B.**, Anthony, L., and Ruiz, J. (2020). Examining Fitts' and FFitts' Law Models for Children's Pointing Tasks on Touchscreens. International Conference on Advanced Visual Interfaces (AVI 2020).