



John Clapham

Graduate Student
Computer Science Department, William & Mary
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RESEARCH INTERESTS

Sensor systems, ubiquitous & mobile computing, computing for healthcare, human-centered computing

EDUCATION

William & Mary, Williamsburg, VA

Doctor of Philosophy in Computer Science

2021 – present

Advisor: Prof. Gang Zhou.

Master of Science in Computer Science

2021 – 2023

Master's Project Title: Anaximander: Crowdsourced Visualization of Signal Strength

Advisor: Prof. Gang Zhou.

Bachelor of Science in Computer Science

2017 – 2021

ACADEMIC POSITIONS

William & Mary, Williamsburg, VA

Graduate Research Assistant

May 2023 - Present

Graduate Teaching Assistant

Jan 2023 - May 2023

RESEARCH

Referred Conference Papers

1. John Clapham, Kenneth Koltermann, Xinyu Chen, Minglong Sun, Evie Burnet, Gang Zhou, "ToP-ick: Time-of-Pickup Measurement for the Elderly using Wearables," in *ACM/IEEE Conference on Connected Health: Applications, Systems and Engineering Technologies (CHASE)*, Wilmington, DE, 2024.
2. Kenneth Koltermann, John Clapham, GinaMari Blackwell, Woosub Jung, Evie Burnet, Ye Gao, Huajie Shao, Leslie Cloud, Ingrid Pretzer-Aboff, Gang Zhou, "Gait-Guard: Turn-aware Freezing of Gait Detection for Non-intrusive Intervention Systems," in *ACM/IEEE Conference on Connected Health: Applications, Systems and Engineering Technologies (CHASE)*, Wilmington, DE, 2024.

Invited Scholarly Talks

1. Invited Talk "Fall Prevention Research," Williamsburg Landing Retirement Community 2024

PROFESSIONAL SERVICE

University committee service

Graduate Student Association Financial Committee

2023

Graduate Student Association Computer Science Representative

2023