Azim Ibragimov

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EDUCATION

University of Florida Gainesville, FL
Ph.D., Computer Science Aug 2023-May 2028
Advisor: Ragan Eric

University of South Florida Tampa, FL
B.S., Computer Science Aug 2020 – May 2023
Honors: *Magna cum laude*

RESEARCH EXPERIENCE

University of Florida Gainesville, FL
Graduate Assistant, CISE Aug 2023 – Present

- Designed privacy preserving mechanisms for XR systems that reduce re-identification risk from behavioral tracking data, including gaze, body, and multimodal signals.
- Collaborated with *Meta Reality Labs* to design and evaluate these techniques, balancing privacy protection with interaction quality and usability in immersive environments.
- Published and presented three peer-reviewed works at top-tier venues including IEEE VR, IEEE TVCG, and IEEE TBIOM.

University of South Florida Tampa, FL
Undergraduate Assistant, CISE Jan 2022 – Aug 2023

- Designed a survey on fingerprint pore detection techniques that significantly improve individual identification from fingerprint data.
- Conducted statistical evaluations of biometric gait recognition performance across genders, demonstrating higher recognition accuracy for female subjects.
- Published one peer-reviewed work at a top-tier venue: IEEE FG.

PUBLICATIONS

Journals

J1. E. Wilson, **A. Ibragimov**, M. J. Proulx, S. D. Tetali, K. Butler and E. Jain, "Privacy-Preserving Gaze Data Streaming in Immersive Interactive Virtual Reality: Robustness and User Experience," in *IEEE Transactions on Visualization and Computer Graphics*, vol. 30, no. 5, pp. 2257-2268, May 2024, doi: 10.1109/TVCG.2024.3372032.

J2. **A. Ibragimov** and M. Pamplona Segundo, "Fingerprint Pore Detection: A Survey," in *IEEE Transactions on Biometrics, Behavior, and Identity Science,* vol. 7, no. 4, pp. 848-861, Oct. 2025, doi: 10.1109/TBIOM.2025.3560655.

J3. **A. Ibragimov**, E. Wilson, K. Butler and E. Jain, " Toward Practical Privacy in XR: Empirical Analysis of Multimodal Anonymization Mechanisms". Accepted at *IEEE Transactions on Visualization and Computer Graphics 2026.*

Conferences

C1. **A. Ibragimov**, M. P. Segundo, S. Sarkar and K. Bowyer, "Unveiling Gender Effects in Gait Recognition Using Conditional-Matched Bootstrap Analysis," 2024 IEEE 18th *International Conference on Automatic Face and Gesture Recognition (FG)*, Istanbul, Turkiye, 2024, pp. 1-10, doi: 10.1109/FG59268.2024.10582036

PRESENTATIONS
Conference Presentations
- **A. Ibragimov**, *Unveiling Gender Effects in Gait Recognition Using Conditional-Matched Bootstrap Analysis*, oral presentation at the 18th IEEE International Conference on Automatic Face and Gesture Recognition (FG), Istanbul, Türkiye, 2024.
- **A. Ibragimov,** " Toward Practical Privacy in XR: Empirical Analysis of Multimodal Anonymization Mechanisms" Oral presentation **scheduled** at *IEEE Virtual Reality and 3D User Interfaces 2026.*

Lecture Presentations
- A. Ibragimov, Re-Identification Risk from Eye Movements in Virtual Reality, Frontiers of AI, University of Florida, 2025

GRANTS & FELLOWSHIPS

- Meta Reality Labs Unrestricted Research Gift, "Multimodal VR AR XR Privacy," PI: E. Jain, Role: Graduate Student Researcher, 2024–2025.
- National Science Foundation SaTC Frontiers, "Securing the Future of Computing for Marginalized and Vulnerable Populations," Co PI: E. Jain, Role: Graduate Student Researcher, 2022–2027.
- National Institute of Mental Health R01, "AVAIL: Anonymization of Videos using AI for Large Scale Data Sharing," PI: E. Jain, Role: Graduate Student Researcher, 2024–2029.

ACADEMIC SERVICE
- Conference reviewer, IEEE Virtual Reality and 3D User Interfaces (IEEE VR), 2024.
- Conference reviewer, ACM Symposium on Eye Tracking Research and Applications (ETRA), 2024–2025.

LEADERSHIP & OUTREACH

- Co-organizer of the Trust-XR 2025 Workshop, co-located with the IEEE International Symposium on Mixed and Augmented Reality (ISMAR), 2025