Omar Khan

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Education

09/2025 – present Philadelphia, PA, USA	**Drexel University** Doctor of Philosophy – Computer Science • Advisor: Dr. Tiffany D. Do
09/2021 – 05/2025 Calgary, AB, Canada	**University of Calgary** Bachelor of Science (Honours) – Computer Science, First Class • Advisor: Dr. Kangsoo Kim

Publications

Conference and Journal Papers

1. **Omar Khan**, Hyeongil Nam, Kangsoo Kim. "Impact of Avatar-Locomotion Congruence on User Experience and Identification in Virtual Reality". To appear in IEEE Transactions on Visualization and Computer Graphics (TVCG), vol. xx, no. xx, pp. xx–xx, 2025. Acceptance rate: 8%, JCR IF-2024: 6.5. **IEEE ISMAR Best Paper Award Honorable Mention (Top 3%)**

Workshop Papers and Posters

1. **Omar Khan**, Zaid Ahmed, Hyeongil Nam, Kangsoo Kim. "TangibleMoments: Embedding XR Memories onto Physical Objects". *Proceedings of the IEEE Conference on Virtual Reality and 3D User Interfaces Abstracts and Workshops (VRW)*, 2025, pp. 1142-1146. https://www.doi.org/10.1109/VRW66409.2025.00227

2. **Omar Khan**, Anh Nguyen, Hyeongil Nam, Kangsoo Kim. "Investigating Visual Guide Cues in VR: Impacts of Virtual Humans and Symbol-Based Navigation on Real-World Performance and Experience". *Proceedings of the IEEE Conference on Virtual Reality and 3D User Interfaces Abstracts and Workshops (VRW)*, 2025, pp. 504-509. https://www.doi.org/10.1109/VRW66409.2025.00110

3. **Omar Khan**, Zaid Ahmed, Hyeongil Nam, Kangsoo Kim. "'I look like a gorilla, but don't move like one!': Impact of Avatar-Locomotion Congruence in Virtual Reality". *Proceedings of the IEEE Conference on Virtual Reality and 3D User Interfaces Abstracts and Workshops (VRW)*, 2025, pp. 1202-1203. https://www.doi.org/10.1109/VRW66409.2025.00247

4. **Omar Khan**, Anh Nguyen, Michael Francis, Kangsoo Kim. "Exploring the Impact of Virtual Human and Symbol-Based Guide Cues in Immersive VR on Real-World Navigation Experience". *Proceedings of the IEEE Conference on Virtual Reality and 3D User Interfaces Abstracts and Workshops (VRW)*, 2024, pp. 883-884. https://www.doi.org/10.1109/VRW62533.2024.00238

Awards

2025	**Best Paper Award Honorable Mention (Top 3%)**, IEEE International Symposium on Mixed and Augmented Reality (ISMAR)
2025	**IDEAS Travel Fund**, University of Calgary - $1352
2024	**Undergraduate Research Symposium Faculty of Science Award**, UCalgary Students' Union - $1000
2024	**Summer Research Studentship Award**, Alberta Innovates - $8500
2024	**Graeme Bell Travel Award**, University of Calgary - $1350
2023	**Undergraduate Student Research Award**, Natural Sciences and Engineering Research Council of Canada - $7500
2022	**Jason Lang and Alexander Rutherford Scholarships**, Government of Alberta - $5500

Academic Service

Peer Review

ACM VRST   **2025**