**Omar Khan**

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**Education** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*09/2025 – present* **Drexel University**

Philadelphia, PA, USADoctor of Philosophy – Computer Science

* Advisor: Dr. Tiffany D. Do

*09/2021 – 05/2025* **University of Calgary**

Calgary, AB, Canada 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**