

# Omar Khan

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## Education

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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

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### 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.

### 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

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2025 University of Calgary, IDEAS Fund - \$1352

2024 UCalgary Students' Union, Undergraduate Research Symposium Faculty of Science Award - \$1000

2024 UCalgary Students' Union, SUPERWork Award - \$1000

2024 Alberta Innovates, Summer Research Studentship Award - \$7500

2024 University of Calgary, Graeme Bell Travel Award - \$1350

2023 NSERC, Undergraduate Student Research Award - \$7500

2022 Jason Lang Scholarship x 3 - \$3000

2021 Alexander Rutherford Scholarship - \$2500

## Academic Service

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### *Peer Review*

ACM VRST      **2025**