

# Hyomin Kim

PhD Student

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## EDUCATION

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Mar. 2018 ~ Present      **Pohang University of Science and Technology**      Pohang, Korea  
Department of Computer Science and Engineering

*Advisor: Seungyong Lee*

*Ph.D. Student*

Mar. 2012 ~ Feb. 2018      **Handong Global University**      Pohang, Korea  
Department of Computer Engineering

*B.S. in Computer Engineering*

## PUBLICATIONS (INTERNATIONAL)

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- Hyomin Kim, Hyeonsoo Nam, Jungeon Kim, Jaesik Park, Seungyong Lee, "LaplacianFusion: Detailed 3D Clothed-Human Body Reconstruction", *ACM TRANSACTIONS ON GRAPHICS*, (2022)
- Hyomin Kim, Jungeon Kim, Jaewon Kam, Jaesik Park, Seungyong Lee, "Deep Virtual Markers for Articulated 3D Shapes", *Proceedings of the IEEE/CVF International Conference on Computer Vision*, (2021) (Oral Presentation, 3.4% acceptance rate)
- Hyomin Kim, Jungeon Kim, Hyeonsoo Nam, Jaesik Park, Seungyong Lee, "Spatiotemporal Texture Reconstruction for Dynamic Objects Using a Single RGB-D Camera", *COMPUTER GRAPHICS FORUM*, (2021)
- Jungeon Kim, Hyomin Kim, Hyeonsoo Nam, Jaesik Park, Seungyong Lee, "TextureMe: High-quality Textured Scene Reconstruction in Real Time", *ACM TRANSACTIONS ON GRAPHICS*, (2022)
- Jungeon Kim, Hyomin Kim, Jaesik Park, Seungyong Lee, "Global Texture Mapping for Dynamic Objects", *COMPUTER GRAPHICS FORUM*, (2019)

## PUBLICATIONS (DOMESTIC)

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- Jun-Geon Kim, Hyomin Kim, Jaesik Park, Seungyong Lee, "메시 피라미드를 활용한 3차원 비강체 모델 텍스처 맵 생성", *KCGS*, (2019)
- 김효민, 황성수, "교차로 분할을 통해 단순배경 및 회전에 강인한 실내 영상 지도 생성 기법", 제어.로봇.시스템 학회 논문지, (2017)

## **AWARDS AND HONORS**

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- NAVER Ph.D. Fellowship Award, NAVER, Korea (Dec. 2022)
- POSTECHIAN fellowship Award, POSTECH, Korea (Nov. 2022)