MINYOUNG KIM

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EDUCATION

George Mason University   Fairfax, VA, USA
Ph.D. Student in Computer Science   Aug 2021 - *Current*
Advisor: Professor Lap-Fai (Craig) Yu

Ewha Womans University   Seoul, South Korea
M.S. Student in Computer Science and Engineering   Mar 2019 - Feb 2021
Advisor: Professor Young J. Kim

Keimyung University   Daegu, South Korea
B.E. in Game and Mobile Engineering   Mar 2012 - Feb 2017

PUBLICATIONS

International Conference

"Location-Aware Adaptation of Augmented Reality Narratives"
Wanwan Li*, Changyang Li*, **Minyoung Kim**, Haikun Huang, Lap-Fai Yu, Proceedings of the ACM
Conference on Human Factors in Computing Systems (CHI 2023), Apr 2023
* indicates equal contribution
[Project Page] [Paper]

"Synthesizing Human Faces using Latent Space Factorization and Local Weights",
Minyoung Kim, Young J. Kim, In Computer Graphics International Conference (pp. 398-405).
Springer, Cham, Oct 2021 [Project Page] [Paper]

Domestic Journal

"3D Surface Painting in VR using Force Feedback",
Minyoung Kim, Young J. Kim, Journal of the Korea Computer Graphics Society, 26(2), Jun 2020
[Project Page] [Paper]

AWARDS

Best Paper Award, Korea Computer Graphics Society (KCGS)   2019

RESEARCH EXPERIENCE

Ewha Womans University   Seoul, South Korea
Research Intern *(Advisor: Professor Young J. Kim)*   Jan 2019 - Feb 2019
Project - "Haptic Painting in VR"

- Surveyed related works for interactive modeling and virtual reality painting
- Prototyped haptic system providing force-feedback and collision detection between virtual objects and user interaction

Keimyung University   Daegu, South Korea
Undergraduate Researcher *(Advisor: Professor Yunsik Sung)*   Oct 2015 - Nov 2015
Project - "Cardiopulmonary resuscitation training platform using 3D interactive interface"

- Worked on immersive simulation system with Head Mount Device(HMD)

- Implemented realistic virtual environments and animations under Unity 5, using Oculus-rift DK2

WORK EXPERIENCE

Nova Mobile System   Carlsbad, CA, USA
Junior Mobile Programmar Intern - "Nova Mobile App"   May 2017 - Apr 2018

- Worked on Cross-Platform mobile application serving GPS service
- Implemented custom renderer for mobile platform and Microsoft Xamarin forms in C#

Qualcomm Institute   San Diego, CA, USA
Student Intern - "Health-Related IoT Tracking Project"   Jan 2016 - Feb 2016

- Worked on web server and pages handled data transporting from Android to server
- Implemented web server using PHP and MySQL and website using HTML, CSS, and JavaScript

TEACHING

Low-level Programming (CS262), George Mason University
Fall 2021, Spring 2022, Fall 2022, Spring 2023   Fairfax, VA, USA

Computer Graphics, Ewha Womens University   Seoul, South Korea

JAVA Programming, Keimyung University   Daegu, South Korea