

Keonhee Park

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* Last updated in january 2021

Education

2019 ~ 2021 M.S. in Computer Software, Hanyang University, Korea

2013 ~ 2019 B.S. in Multimedia Engineering, Sungkyul University, Korea
Magna Cum Laude, GPA : 3.92/4.50

Grants

- Fall 2020, Staff Assistant Scholarship, HCI Lab, Hanyang University
- Fall 2018, Academic Excellence Scholarship, Sungkyul University
- Spring 2018, Academic Excellence Scholarship, Sungkyul University
- Spring 2017, Academic Excellence Scholarship, Sungkyul University

Skills

- SPSS Statistics

Correlation, T-test, ANOVA and Post Hoc

- 3D Modeling

3D Photogrammetry (Photoscan) and 3Ds Max

- Augmented Reality

AR with Unity3D (Vuforia) and Marker & Markerless

- Unity3D

C# Scripting, 2D & 3D Games, Unity Shader and Web Request

- Database

MySQL, MariaDB, MSSQL and Engineer Information Processing (18.11.16)

- Virtual Reality

VR with Unity3D (Oculus, Vive and Pimax), Vizard (WorldViz), Motion Capture (Motive) and Leap Motion

- Python

Machine Learning (Tensorflow), Web Framework (Django with Heroku Cloud), Data Analysis and Drawing Graphs

Interests

- Serious Game

Education and Gameful Thinking (Gamification)

- Computer Graphics

3D Modeling, Shader (Rendering) and Animation

- Virtual Reality

VR Interface, VR Sickness (Field of View Restrictor), Foveated Rendering and VR Locomotion

Publication

- International Journal

Keonhee Park and Seongah Chin. (2020). A Smart Interface HUD Optimized for VR HMD and Leap Motion. Journal of Imaging Science and Technology (SCIE).

- International Conference Proceedings

Keonhee Park, Yoochang Yoon, and Seongah Chin. (2018). Design of Physically-based Virtual Cavity Simulation. DEStech Transactions on Computer Science and Engineering.

Keonhee Park, and Seongah Chin. (2018). Let's guide a smart interface for VR HMD and leap motion. In Proceedings of the 24th ACM Symposium on Virtual Reality Software and Technology.

- Domestic Journal

Keonhee Park, and Seongah Chin. (2018). HUD Interface and VR content interaction: VR+HUD. Asia-pacific Journal of Multimedia Services Convergent with Art, Humanities, and Sociology.

- Domestic Conference Proceedings

Keonhee Park, Changseop Kim, and Kwanguk Kim. (2020). Research on Blur-based Dynamic Simulator Sickness Reduction Technology. HCI Korea

- Involved

Jihwan Kim, Keonhee Park, and Kwanguk Kim. (2021), Preliminary research on individualized foveated rendering technique, HCI Korea

Patents

Kwanguk Kim, Keonhee Park, and Changseop Kim, "안구 기반 개인화 가상 멀미 저감 머리부착형 시각 자극 제시 장치 및 그 동작 방법", 2020 (Ongoing)

Work Experiences

- 2019.02 ~ 2021.02

Research Assistant, HCI Lab (Kenny Lab), Hanyang University, Seoul, Korea

- 2017.02 ~ 2018.12

Research Assistant, Xicomlab, Sungkyul University, Anyang, Korea

- 2014.12 ~ 2016.07

Military Service, QM Department, The 125th Regiment of The 53th Division, Korea

- 2013.07 ~ 2013.09

System Engineer, Kyungil Co., LG Electronics, Ansan, Korea