

JINGYU LEE

jingyu.lee@hcs.snu.ac.kr

EDUCATION

- Seoul National University** *Mar 2020 - Present*
PhD Student in Computer Science and Engineering (*Advisor : Youngki Lee*) *Seoul, Republic of Korea*
- Seoul National University** *Mar 2018 - Feb 2020*
M.S. in Computer Science and Engineering (*Advisor : Yeong-Gil Shin*) *Seoul, Republic of Korea*
- DigiPen Institute of Technology** *Mar 2012 - Apr 2016*
B.S. in Computer Science in Real-Time Interactive Simulation *Redmond, Washington, USA*
- DigiPen Institute of Technology Europe-Bilbao** *Sep 2013 - Dec 2013*
B.S. in Computer Science in Real-Time Interactive Simulation (*Exchanged student*) *Bilbao, Spain*

WORK EXPERIENCE

- Microsoft** *Sep 2016 - May 2017*
Contracted Software Engineer (*Minecraft: Education Edition Team*) *Redmond, Washington, USA*
Code Minecraft: Education Edition, Code Builder, Hour of Code - Minecraft Designer at Code.org

PEER-REVIEWED PUBLICATION

- Minyoung Chung, **Jingyu Lee**, Minkyung Lee, Jeongjin Lee*, Yeong-Gil Shin
"Deeply Self-Supervised Contour Embedded Neural Network Applied to Liver Segmentation"
Accepted for publication, *Computer Methods and Programs in Biomedicine* *Mar 2020*
- Minyoung Chung, Minkyung Lee, Jioh Hong, Sanguk Park, Jusang Lee, **Jingyu Lee**, Il-Hyung Yang, Jeongjin Lee*, Yeong-Gil Shin
"Pose-Aware Instance Segmentation Framework from Cone Beam CT Images for Tooth Segmentation"
Accepted for publication, *Computers in Biology and Medicine* *Mar 2020*

PUBLICATION (PRE-PRINT)

- Minyoung Chung, **Jingyu Lee**, Jeongjin Lee*, Yeong-Gil Shin
"Liver Segmentation in Abdominal CT Images via Auto-Context Neural Network and Self-supervised Contour Attention"
Under peer review, arXiv:2002.05895 *Feb 2020*
- Minyoung Chung, **Jingyu Lee**, Wisoo Song, Youngchan Song, Il-Hyung Yang, Jeongjin Lee*, Yeong-Gil Shin
"Automatic Registration between Cone-Beam CT and Scanned Surface via Deep-Pose Regression Neural Networks and Clustered Similarities"
In major revision, *IEEE Transactions on Medical Imaging*, arXiv:1907.12250 *Jul 2019*

STUDENT PROJECT

- Somnus** *Sep 2015 - Apr 2016*
Technical Director (*Team of 4 Programmers, 1 Designer, 4 Artists, 3 Sound Designers*)
3D Puzzle Platformer that utilizes perspective illusions to manipulate the environment [link]

HONORS & AWARDS

- E3 College Game Competition - Somnus** *Jun 2016*
Finalist(top 5)
- Bisa Scholarship** *Mar 2012*
Full Scholarship granted from DigiPen—KMU Dual Degree Program