

Sihwa Park

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<https://sihwa-park.github.io/>

RESEARCH GOAL

- My research goal is to build more interpretable and mathematically explainable machine learning models. I have been mostly working on 3D visual data but I am also very interested in reinforcement learning.

EDUCATION

Korea University Seoul, Korea
Master of Computer Science 2021 Sep - Present

- Advised by Prof. [SeungJun Baek](#)

Korea University Seoul, Korea
Bachelor of Computer Science and Mathematics 2015 March - 2021 Aug

- Was on an exchange program at the University of Toronto for the 2019 Fall - 2020 Spring semesters.

RESEARCH EXPERIENCE

System INtelligence Group (Lab of Prof. SeungJun Baek) Seoul, Korea
Researcher 2021 September – Present

- Working on 2D to 3D Teeth Generation project with CT and X-ray data using NeRF.

Data Mining & Information Systems Lab (Lab of Prof. Jaewoo Kang) Seoul, Korea
Undergraduate Researcher 2018 March – 2019 March

WORK EXPERIENCE

Withcat Software Seoul, Korea
Programmer 2020 Apr – 2021 Aug

- Built API for face detection and recognition for Republic of Korea Defence Intelligence Command (KDIC) (Pytorch, Flask)

TEACHING

Digital Finance Engineering Freshmen Summer Program Korea University
2022 Aug

- Taught basic calculus, linear algebra and statistics for Digital Finance Engineering major freshmen students. (4weeks program)