Seonghak Lee

CONTACT INFORMATION

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EDUCATION

Chung-Ang University   Seoul, Korea
M.S. candidate Supervised by Prof. Junseok Kwon   *Mar. 2023 – Present*
Chung-Ang University   Seoul, Korea
Bachelor in Computer Science and Engineering   *Mar. 2017 – Feb 2023*

RESEARCH

- **Seonghak Lee***, Jisoo Park*, Junseok Kwon, "WildTalker: Talking Portrait Synthesis in the Wild" in Proceedings of European Conference on Computer Vision **(ECCV) Workshop**, 3D Modeling, Reconstruction, and Generation in the Wild, 2024 (*equal contribution)
- **Seonghak Lee***, Jisoo Park*, Junseok Kwon, "POTF: Prompt-based Object-centric Tensorial Field" in Proceedings of International Conference on ICT Convergence (ICTC), 2024 (*equal contribution), **Oral presentation**
- **Seonghak Lee**, Junseok Kwon, "POTF: Prompt-based Object-centric Tensorial Field" in Proceedings of The Institute of Electronics and Information Engineers (IEIE), 2023
- **Seonghak Lee**, Junseok Kwon, "Real-time CPR training application Through Arduino Gyro sensor and FSR sensor" in Proceedings of The Korea Multimedia Society (KMMS), 2022

RESEARCH EXPERIENCE

University of Toronto   Toronto, Canada
Visiting Scholar   *Jan. 2024 – Jun 2024*
Computer Vision Lab, Korea University   Seoul, Korea
Full-time Research Intern Supervised by Prof. Sangpil Kim   *July. 2022 – Aug. 2022*
Visual Image Media Lab, Chung-Ang University   Seoul, Korea
Full-time Research Intern Supervised by Prof. Kwang Nam Choi   *Feb. 2022 – Jun. 2022*

AWARDS

Big Data Analytics Idea Contest by Sundo Soft (2nd Place)   Sept. 2023

- Analysis of fire service vulnerability areas and efficiency of current resource deployment (DEA) based on data such as fire, rescue, and emergency response incidents.

Big Data Analytics Idea Contest by HD Hyundai Site Solution (3rd Place)   Sept. 2023

- Award presented for proposing accident prevention technologies based on the analysis of five major accident types using CCTV footage from construction sites.

SKILLS & INTERESTS

Skills: Pytorch, Numpy, Python, Java, Git, Notion, Slack
Interests: 3D Reconstruction, Talking Portrait Synthesis, Audio Enhancement and Seperation