

Seonghak Lee

CONTACT INFORMATION

Phone number : 010-3176-2136
Email : tjdgkr6220@cau.ac.kr
Homepage : <https://lseonghak.github.io/website/>

EDUCATION

Chung-Ang University <i>M.S. candidate in Computer Science and Engineering, supervised by Prof. Junseok Kwon.</i>	Seoul, Korea <i>Mar. 2023 – Present</i>
Chung-Ang University <i>B.S. in Computer Science and Engineering</i>	Seoul, Korea <i>Mar. 2017 – Feb 2023</i>

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, "A Comprehensive Survey of Neural Radiance 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 <i>Visiting Scholar</i>	Toronto, Canada <i>Jan. 2024 – Jun 2024</i>
Computer Vision Lab, Korea University <i>Full-time Research Intern Supervised by Prof. Sangpil Kim</i>	Seoul, Korea <i>July. 2022 – Aug. 2022</i>
Visual Image Media Lab, Chung-Ang University <i>Full-time Research Intern Supervised by Prof. Kwang Nam Choi</i>	Seoul, Korea <i>Feb. 2022 – Jun. 2022</i>

AWARDS

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|---|------------|
| Big Data Analytics Idea Contest by Sundo Soft (2nd Place) <ul style="list-style-type: none">• Analysis of fire service vulnerability areas and efficiency of current resource deployment (DEA) based on data such as fire, rescue, and emergency response incidents. | Sept. 2023 |
| Big Data Analytics Idea Contest by HD Hyundai Site Solution (3rd Place) <ul style="list-style-type: none">• Award presented for proposing accident prevention technologies based on the analysis of five major accident types using CCTV footage from construction sites. | Sept. 2023 |

SKILLS & INTERESTS

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