

Seokyoung Kim

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Research Interests

- Multimodal Learning for Robot Vision
- Depth Estimation & Completion
- Visual SLAM
- 3D Computer Vision in Autonomous Driving

Research Experiences

Undergraduate Intern
Chonnam National University (Mentor: Prof. Chan soo Kim)

Gwangju, Republic of Korea
Jan. 2022 – Present

Education

B.S. in IoT Artificial Intelligence Convergence.
Chonnam National University

Gwangju, Republic of Korea
March. 2018 – Present

Publications

Domestic

- [1] **Seokyoung Kim***, Yeonggyu Park, Taehyun Park, Yuri Seo, Seongjun Kim, Kichun Jo and Chansoo Kim
Towards precise Depth Completion guided by dense Pointcloud based on LiDAR Accumulation
Korean Society of Automotive Engineers (KSAE) Annual Spring Conference, 2023

Activities

Project

- Development of ‘Self-Driving Fire Detection Robot’ in Chonnam National University *July – Dec. 2022*
- Vision based Vehicle and Lane Detection Model using YOLO & M-LSD *Sep. 2022*

Academic Service

- Mentoring program of local high school students *Nov. 2021 – Feb. 2022*

Awards & Honors

- **Grand Prize**, Artificial Intelligence System Competition (Chonnam National University), Nov. 2022
- **Silver Prize**, International Electric Vehicle Expo Autonomous Driving Competiton, Apr. 2022
- **CNU Scholarship for Academic Excellence**, All Semesters of 2021-2023

Skills

Languages : Python, C/C++

Libraries : Pytorch, ROS