Seokyoung Kim

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Research Interests

- Spatial Computing
- 3D Vision
- Computer Graphics

Research Experiences

Undergraduate Intern   Gwangju, Republic of Korea
Chonnam National University (Mentor: Prof. Chan soo Kim)   *Jan. 2022 – Dec. 2023*

Education

B.S. in IoT Artificial Intelligence Convergence.   Gwangju, Republic of Korea
Chonnam National University   *March. 2018 – Feb. 2024*

Publications

Domestic Journal

[1] **Seokyoung Kim**, Chansoo Kim
Improved Depth Completion with a Two-branch Backbone based on CNN-ViT integration module
Under Review, Transactions of the Korean Society of Automotive Engineers, 2024

Domestic Conference

[2] **Seokyoung Kim**, Chansoo Kim
TB-CompletionFormer : Improved Depth Completion based on Two-branch Backbone
Korean Society of Automotive Engineers (KSAE) Annual Fall Conference, 2023

[3] **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 - *python lectures*   *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 Competition, Apr. 2022
- **CNU Scholarship for Academic Excellence**, All Semesters of 2021-2023