Seokyoung Kim

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RESEARCH INTEREST

- **Multimodal Learning for Robot Vision**

- **Depth Estimation & Completion**

- **Scene Understanding**

- **3D Computer Vision in Autonomous Driving**

EDUCATION

Chonnam National University   *Gwangju, Korea*
B.S. in IoT Artificial Intelligence Convergence   *2018 - Present*

ACTIVITIES

Artificial Intelligence Mobility Lab   *Jan. 2022 - Present*
Lab Leader
• Leading a AI mobility team and won various autonomous driving competitions.

Conference
Poster Session
• Towards precise depth completion guided by dense pointcloud based on LiDAR accumulation   *May 2023*
  *Korean Society of Automotive Engineers Annual Spring Conference (**KSAE**), 2023*
• Vision based Vehicle and Lane Detection using YOLOv3 and M-LSD   *Sep. 2022*
  AICON 2022, Chonnam National University

Project   *July - Dec. 2022*
Leader
• Development of *'Self-Driving Fire Detection Robot'* in Chonnam National University

Academic Service   *Nov. 2021 - Feb. 2022*
Teacher
• Mentoring program of local high school students – *'Python lecture'*

AWARDS & HONORS

Grand Prize, Artificial Intelligence System Competition (Chonnam National University)   *Nov. 2022*
Silver Prize, IEVE International Electric Vehicle Autonomous Driving Competition (1/10)   *Apr. 2022*
Scholarship for academic excellence   *Fall 2022*
Scholarship for academic excellence   *Spring 2022*
Scholarship for academic excellence   *Fall 2021*
Scholarship for academic excellence   *Spring 2021*

Skills

Languages: Python, C++
Libraries: PyTorch, OpenCV, ROS

References

Chansoo Kim (B.S Advisor), Assistant Professor, Department of Intelligent Mobility, Chonnam National University