

Curriculum Vitae

PERSONAL DETAILS

Name Choi, Jaehee
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Date of Birth 1996.02.11
Gender Male
Military Service Yes

EDUCATION

Korea Advanced Institute of Science and Technology Sep. 2022 ~ Aug. 2024
193, Munji-ro, Yuseong-gu, Daejeon, Republic of Korea
Cho Chun Shik Graduate School of Mobility
M.S. student
Advisor : Prof. Kitae Jang
Thesis : *Interaction-aware path planning for autonomous vehicle under mandatory lane changing scenario*

Inha University Mar. 2016 ~ Aug. 2022
100, Inha-ro, Michuhol-gu, Incheon, Republic of Korea
Department of Mechanical Engineering
B.S. student

INTEREST

- Autonomous Vehicle
- Mobile Robots
- Path/motion planning
- Robotics
- Lane change model

SKILLS AND TECHNIQUES (SOFTWARE)

- CARLA simulator
- Python
- dSPACE-VISSIM co-simulation
- Matlab(Simulink)
- ROS
- C/C++
- Autodesk Fusion 360
- Ansys 2021 R2
- Arudino

EXPERIENCE

-Master of Science Student at Transportation Operation and Planning for Sustainability Laboratory, KAIST (Advisor : Prof. Kitae Jang) Aug. 2022 ~ Aug. 2024
-Undergraduate Research Student Intern at Electrical Engineering, Autonomous Systems Laboratory, Inha Univ. (Advisor : Prof. Kwangki Kim) Sep. 2021 ~ June. 2022

PUBLICATIONS

Domestic Journals

- Oh, S., **Choi, J.**, Jang, K., & Yoon, J. (April, 2024). Analysis of Autonomous Vehicles Risk Cases for Developing Level 4+ Autonomous Driving Test Scenarios: Focusing on Perceptual Blind. The Journal of Korea Institute of Intelligent Transportation Systems, <https://doi.org/10.12815/kits.2024.23.2.173>

- Shin, G.†, **Choi, J.†**, & Kim, G. (May, 2022). A Fast Correspondence Matching for Iterative Closest Point Algorithm. The Journal of Korea Robotics Society, <https://doi.org/10.7746/jkros.2022.17.3.373>

(†: The authors have equally contributed to this work)

AWARDS

2024 Best paper award (The 2024 Korea Institute of ITS Spring Conference)

2022 Academic Honors

2022 Academic Scholarship

2021 Hanium Competition (한이음 공모전) Participation Award

2021 i-STARTUPLAB Accelerating (아랩 액셀러레이팅) Excellence Award

2021 Engineering Design Club Competition(공학설계 동아리 경진대회) Bronze Prize

2016 Academic Scholarship

GIT REPOSITORIES

<https://github.com/jahii>

<https://gitlab.com/jahii>

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