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
Master of Science in Cho Chun Shik Graduate School of Mobility
Advisor : Prof. Kitae Jang
Thesis : *Interaction-aware path planning for autonomous vehicle under mandatory lane changing scenario*
GPA : 3.84/4.3

Inha University   Mar 2016 - Aug 2022
100, Inha-ro, Michuhol-gu, Incheon, Republic of Korea
Bachelor of Science in Mechanical Engineering
GPA : 4.01/4.5

RELEVANT COURSEWORK

Introduction to Autonomous Vehicles (Prof. Dongusk Kum)   Fall 2022
Mobile Robotics (Prof. Jinwhan Kim)   Spring 2023
Intelligent Transport System (Prof. Kitae Jang)   Fall 2022
Autonomous Driving Control Theory and Practice (Prof. Kyungseok Han)   Nov 2024 - Feb 2025
Robotics (Prof. Seungbok Choi)   Fall 2021
Automatic Control (Prof. Seungbok Choi)   Spring 2021

INTEREST

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

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

Last Update :   Feb 16, 2025