

Research Interests

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| Semantic SLAM | Object SLAM, Text SLAM, Planar SLAM, Geometric primitives research |
| Spatial AI | 3D Scene Graph construction |

Education

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| Inha University Master's degree program Thesis: Final Grade: | <i>Inha University</i> Mar 2024 – Present |
| Inha University Bachelor's degree program Major: Machanical engineering Total GPA: 4.36/4.5, Major GPA: 4.39/4.5 Final grade: 2/260 Thesis: Study of Deep Learning Based Specific Person Following Mobility Control for Logistics Transportation | <i>Inha University</i> Mar 2018 – Feb 2024 |

Publication

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|-------------------------|------|
| paper journal | 2024 |
| paper journal | 2024 |
| paper journal | 2024 |

Awards

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| Best Paper Award (ICROS 2024) | Institute of Control, Robotics and Systems | 2024 |
| The Best Engineer Award (Dean's List) | Inha University College of Engineering | 2023 |
| Hanium ICT Mentoring Contest 3rd place | The Federation of Korean Information Industries (FKII) | 2023 |
| Outstanding U-grad Paper Award (ICROS 2023) | Institute of Control, Robotics and Systems | 2023 |
| Outstanding U-grad Paper Award (ACK 2022) | Korea Information Processing Society | 2022 |
| Hanium ICT Mentoring Contest Honorable Mention | The Federation of Korean Information Industries (FKII) | 2022 |
| Inha Comprehensive Design Competition 3rd place | Inha Engineering Education Innovation Center | 2022 |

Scholarship

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| The National Scholarship for Science and Engineering Excellence Scholarship | Korea Student Aid Foundation | 2022-23 |
| | Inha University | 2018-21 |

Skills

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| Programming Languages | C++, Python |
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