# Kyuhwan Shim

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Bldg. #404, 1, Gwanak-ro, Gwanak-gu, Seoul, Republic of Korea

**EDUCATION**

**Seoul National University, Biointelligence Lab**, Seoul, Korea
- Master's Student @ Graduate School of Artificial Intelligence — Sep 2024 – Presents

**Sogang University**, Seoul, Korea
- Bachelor of Engineering @ Computer Science — Mar 2019 – Aug 2024

**Chungnam Science High School**, Chungnam, Korea — Mar 2016 – Feb 2019

**PUBLICATIONS**

INTERNATIONAL CONFERENCE

[C1] **CLIP-RT : Learning Language-Conditioned Robotic Policies from Natural Language Supervision**, Gi-Cheon Kang[*], Junghyun Kim[*], **Kyuhwan Shim**, Jun Ki Lee[†], Byoung-Tak Zhang[†]
*Robotics: Science and Systems (RSS), 2025*
*Conference of Robot Learning (CoRL) 2024*, Workshop on Language and Robot Learning

DOMESTIC JOURNALS

[D2] **Stochastic Trajectory Diversification for Language-based Robot Action Learning**, Junghyun Kim[*], Gi-Cheon Kang[*], **Kyuhwan Shim**, Jun Ki Lee[†], Byoung-Tak Zhang[†]
*Korea Software Congress 2024*
🏆 Excellence Presentation Award

[D1] **KIRINO: An Interactive Chatbot System for User Persona**, Geon Choi[*], Ganghun Kim[*], Hyunjae Kim[*], **Kyuhwan Shim**[*], Myoungwan Koo[†]
*Korea Computer Congress 2024*
🏆 Excellence Paper Award for Undergraduate

**RESEARCH EXPERIENCE**

**Autonomous Intelligent Systems Group**, (PI: Sven Behnke), Universität Bonn, Deutschland
Visiting Student Researcher — Jul 2024 – Aug 2024

**Biointelligence Lab**, Seoul National University
Undergraduate Student Researcher — Dec 2023 – Aug 2024

**Lee Lab**, Graduate School of Data Science, Seoul National University
Mentee of ExploreCSR Program (with Google Research) — Dec 2023 – Feb 2024

**WORK EXPERIENCE**

**Team Tidyboy-DSPL** Seoul, Korea — Mar 2024 – Aug 2024
- **[Vision Language]** Developed Vision-based Pipeline for real-time environment understanding for Robot

**Machine Learning Engineer Intern, Nota Inc.** Seoul, Korea — Mar 2023 – Aug 2023
- **[Vision]** Developed Vision-based Pipeline Models for Intelligent Traffic System on Edge Device
- **[DataOps & MLOps]** Construct Datalake and ML Pipeline on AWS and GCP

**Co-Founder, OCONNECT** Ulsan, Korea — Jun 2020 – Feb 2023
- Student Venture which makes Easy-Insert Socket, OneStep (CEO Hyeong-Jun Bang) **[R&D Didimdol]**
- **[Achievement]** Winner @ James Dyson Award '22 KR, Ulsan Collegiate Startup Competition

**Yeongdong Firestation**, Yeongdong, Chungbuk, Korea
- Military Duty as a Korean Conscripted Firefighters — Aug 2020 – Apr 2022

**TEACHING EXPERIENCE**

**Artificial Intelligence (4190.408)**, Seoul National University — Mar 2025 – Jun 2025
**Translation Volunteer**, Khan Academy & Chungnam Science High School — Jun 2017 – Dec 2017

**AWARDS &ACTIVITIES**

**Encouragement Award,** SNU Graduate School of AI Thesis Competition — Dec 2024, June 2025
**Finalist (Top 3),** Robocup2024 @ Eindhoven
- 🏆 **Finalist** in the Robocup@Home DSPL League — Aug 2024

**Runner-Up (2nd Place),** SNU Graduate School of Data Science — 2024
**Top 30**, Samsung Advanced Institute of Technology, DACON
- [Samsung AI Challenge] Camera-Invariant Domain Adaptation Challenge
- Domain Adaptive Segmentation Algorithm Robust to Camera Changes (with SePiCo)
- 🏆 Joined Talent pool of Samsung Electronics — Sep 2023

**Grand Prize (1st Place, Mayor of Gangseo-gu Office),** Gangseo-gu Office

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| | ▪ **[PPT]** Risk Rating Model for Small Business Owners using the Credit Rating Model | 2023 |
| | **Grand Prize (Nat'l Information Society Agency President Award),** NIA, Minister of Sci. & Tech. | 2022 |
| | **Excellence Award**, Chung-nam Science Fair (64th) | 2018 |
| | **Special Prize**, Chung-nam Science Fair (63th) | 2017 |

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| **SCHOLARSHIPS** | **SNU AI Fellowship**, Seoul Nat'l University | 2024 Fall - 2026 Summer |
| | **Sogang University Alumni Scholarship**, Sogang University Alumni Association | |
| | ▪ Priest Villarreal Memorial from Smilegate (2023-2024), General (2020), Startup Talents (2022) | |
| | **Albatross Scholarship**, Sogang University **[talents in SW Fields]** | 2019 |

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| **CERTIFICATES** | **Certificate in Tensorflow Developers**, Tensorflow Certificate Program | Oct 2021 – Oct 2024 |
| | **Advanced Data Analytics Semi-Professional**, Korea Data Agency | Apr 2021 |
| | **ITQ (MS Office)** & **GTQ (Photoshop)** , Hanja : Lv3 | Oct 2011 |

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| **MEDIA** | **Excellence Paper Award in the Undergraduate Division at KCC 2024**, Sogang People | Jun 2024 |
| | **'Nunettine' wins Grand Prize at Gangseo-gu Big Data Contest**, Sogang People | May 2023 |
| | **'DAVENGERS' wins BIGCONTEST Data Analytics Innovation League**, Sogang People | Dec 2022 |
| | **UNIST venture 'OCONNECT' wins James Dyson Awards 2022**, UNIST Press | Sep 2022 |

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| **SPEECH** | ▪ **[PDF] Seminar** Samsung DACON Challenge - Domain Adaptation @ Release(Sogang CS) | Dec 2023 |
| | ▪ **[PDF] Seminar** Dive into YOLOv8 @ Nota Inc. | Mar 2023 |
| | ▪ **[PDF] Undergraduate Speech** at Carbon Neutral Workshop @ Shinhan Card & World Bank | 2023 |