

Kyuhwan Shim

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[Office] Institute of Computer Technology, Room 414 (CRAIG), Seoul Nat'l University

INTERESTS	Vision-Language Model	
EDUCATION	Sogang University , Seoul, Korea	
	▪ B.S. in Computer Science (RecSys A+, ML A0)	Mar 2019 – Aug 2024
	Chungnam Science High School , Kongju, Chungnam, Korea	
	▪ H.S.D. in Informatics	Mar 2016 – Feb 2019
WORK EXPERIENCE	AI Researcher, Seoul Nat'l U. AIIS Seoul, Korea	Mar 2024 – Presents
	▪ [Team Tidyboy@RoboCup'24] General Purpose Service Robot & Human-Robot Interaction	
	Machine Learning Engineer Intern, Nota Inc. Seoul, Korea	Mar 2023 – Aug 2023
	▪ [Vision] Develop YOLO-based AI models for Intelligent Traffic System	
	▪ [Edge AI] Inference Traffic Data Extractor Model on NVIDIA AGX Orin (at Deepstream 6.1.)	
	▪ [MLOps/DevOps] Construct ML Pipeline on kubeflow, AWS data lake, Git Action	
	Senior Designer, 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	
RESEARCH EXPERIENCE	Undergraduate Student Researcher, BI Lab , IPAI@Seoul Nat'l U., Korea	Dec 2023 – Aug 2024
	Mentee, Lee Lab , Data Science@Seoul Nat'l U. & Google Korea	Dec 2023 – Feb 2024
MILITARY DUTY	Yeongdong Firestation , Yeongdong, Chungbuk, Korea	Aug 2020 – Apr 2022
AWARDS	2nd Place , Data Science@Seoul Nat'l U	
	▪ Chest X-Ray Analysis with TorchXRay	2024
	Grand Prize (1st Place, Mayor of Gangseo-gu Office) , Gangseo-gu Office	
	▪ [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.	
	▪ BIGCONTEST Data Analytics Innovation League 2022 Grand Prize (Runner-Up)	
	▪ [PPT] [PRJ] Carbon Footprint Calculator & Eco-friendly JEJU travel route RecSys.	2022
	Excellence Award , Chung-nam Science Fair (64th)	
	▪ [Poster] Solar Power System considering the impact of Wave Height	2018
	Special Prize , Chung-nam Science Fair (63th)	
	▪ [Poster] Laser Cutting Machine Using Mechanum Wheels	2017
SCHOLARSHIPS	Sogang Alumni Scholarship , Sogang University Alumni	
	▪ 1-Semester full scholarship - General (2020), Startup (2022)	
	▪ Priest Villarreal Memorial (2023-2024) [Sponsored by SMILEGATE]	
	Albatross Scholarship , Sogang University [talents in SW Fields]	2019
	Myunghak Scholarship , Kongju Myunghak Scholarship	2017
	Samsung Dream Scholarship , Samsung Dream Scholarship Foundation	2016
ACTIVITIES	[Samsung AI Challenge / SAIT] Camera-Invariant Domain Adaptation Challenge	
	▪ [DACON] Domain Adaptive Semantic Segmentation Alg. Robust to Camera Characteristic Changes	
	▪ [Link] Top 30 with SePiCo & Joined Talent pool of Samsung Electronics	Sep 2023- Sep 2023
	[LG Aimers / LG AI Research]: Online AI Education & Hackathon	
	▪ [DACON] Smart Factory Product Quality Status Classification AI Online Hackathon	
	▪ Phase 3 Online Hackathon Finalist, Phase 2 Top 30 (3% for 891)	Jan 2023- Mar 2023
	INSIGHT , Data Science Group @ Sogang Business School	Sep 2022- Jun 2023
	Co-Founder, Chief Design Officer, Programmer , OCONNECT	Jun 2020- Present
	Google Machine Learning Bootcamp , Google Korea	Sep 2021- Dec 2021

