

Gangsu Kim

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Hallym University
Division of Software
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EDUCATION

Mar. 2020 ~ Present	Hallym University Division of Software, Major in Big Data GPA: 4.01/4.5 Major GPA: 4.14/4.5	Chuncheon, Korea
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RESEARCH INTEREST

- Computer Vision and Deep Learning
- Multi-modal Learning
- Optical Character Recognition

RESEARCH EXPERIENCES

Apr. 2023 ~ Oct. 2023	ETRI National Security Research Institute (NSR) Research - OCR Model research, Pipeline development - Develop understanding cyber threat documents AI technology
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WORK EXPERIENCES

Dec. 2022 ~ Present	Multimedia Computing Laboratory @ Hallym Univ. - Undergraduate researcher
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PROJECT

Jan. 2024	CLIP implementation (GitHub) - Model implementation introduced by Radford et al.
Jun. 2023	Joint Hackathon for SWUniv 2023 – TAXX - Web backend Developer, Team Leader - Taxi-based quick delivery service
Jan. 2023	Conditional GAN implementation (GitHub) - Model implementation introduced by Mirza et al.
Feb. 2022 ~ Jun. 2022	Capstone Design – SIGN - Web full-stack Developer - Online meeting platform for deaf based on Korean Sign Language (KSL) recognition

AWARDS

2023	SW Week Hallym AI Competition (DL) , Hallym Univ., <u>3rd Place</u> (GitHub)
2023	Joint Hackathon for SWUniv 2023 (NON-DL) , Ministry of Science and ICT, <u>2nd Place</u>
2022	2022 Spring Capston Design Contest (DL) , Hallym Univ., <u>1st Place</u>
2022	IDEA Part competition (NON-DL) , Department of Software, Hallym Univ., <u>1st Place</u>
2022	SW Week Future Technology Patent Idea Contest (NON-DL) , Hallym Univ., <u>3rd Place</u>
2021	SW Week GitHub Resume Contest Hackathon (NON-DL) , Hallym Univ., <u>1st Place</u>
2021	SW Week UI/UX Design Contest (NON-DL) , Hallym Univ., <u>2nd Place</u>

HONORS

Mar. 2023 ~ Oct. 2023	Security Document-Based OCR Awareness Enhancement Research , ETRI NSR
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SCHOLARSHIP

2023-2, 2024-1	Leadership Scholarship – Tuition 70%
2023-1	SW Volunteer Scholarship – Tuition 50%
2022-2	Leadership Scholarship – Tuition 50%
2021~2022-1	Academic Excellence Scholarship – Tuition 30%

LANGUAGE EXPERIENCE

Jul. 2022	Culture and Computer Science Course (University of York, York, UK)
Jul. 2021	Summer Global SW Intensive Program (University of York, Online)
Jun. 2017 Aug. 2016 ~	Exchange Student (Arvada West High School, Colorado, US)

QUALIFICATIONS

27. Apr. 2023	OPIc (INTERMEDAITE HIGH – ENGLISH)
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PUBLICATIONS

G. Kim¹, J. Lee¹, and J-U Hou[†], “Enhancing OCR Performance *****,” Computers & Security, 2024. (preparing)