

# Gangsu Kim

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<http://gangsu.kim/>

## EDUCATION

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Mar. 2020 ~ Aug. 2024	<b>Hallym University</b> Bachelor's degree in Computer Science and Engineering The Secondary School (GradeII) Teacher of Information & Computer GPA: 4.01/4.5 Major GPA: 4.22/4.5	Chuncheon, Korea
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## RESEARCH INTEREST

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- Foundation Model
- Computer Vision and Deep Learning
- Optical Character Recognition

## RESEARCH EXPERIENCES

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

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Sep. 2024 ~ Present	<b>High-performance Visual Computing laboratory @ Korea Univ.</b> - Research Intern
Dec. 2022 ~ Aug. 2024	<b>Multimedia Computing Laboratory @ Hallym Univ.</b> - Undergraduate researcher

## PROJECT

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

## AWARDS

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2024	<b>Astronomy &amp; Space AI Competition (DL)</b> , KAIST-KASI, <u>3<sup>rd</sup> Place</u>
2023	<b>SW Week Hallym AI Competition (DL)</b> , Hallym Univ., <u>3<sup>rd</sup> Place</u>
2023	<b>Joint Hackathon for SWUniv 2023 (NON-DL)</b> , Ministry of Science and ICT, <u>2<sup>nd</sup> Place</u>
2022	<b>2022 Spring Capston Design Contest (DL)</b> , Hallym Univ., <u>1<sup>st</sup> Place</u>
2022	<b>IDEA Part competition (NON-DL)</b> , Department of Software, Hallym Univ., <u>1<sup>st</sup> Place</u>
2022	<b>SW Week Future Technology Patent Idea Contest (NON-DL)</b> , Hallym Univ., <u>3<sup>rd</sup> Place</u>
2021	<b>SW Week GitHub Resume Contest Hackathon (NON-DL)</b> , Hallym Univ., <u>1<sup>st</sup> Place</u>
2021	<b>SW Week UI/UX Design Contest (NON-DL)</b> , Hallym Univ., <u>2<sup>nd</sup> Place</u>

## HONORS

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Mar. 2023 ~ Oct. 2023	<b>Security Document-Based OCR Awareness Enhancement Research</b> , ETRI NSR
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## SCHOLARSHIP

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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

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

## QUALIFICATIONS

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30. Jun. 2024	TOEIC (840)
27. Apr. 2023	OPIc (INTERMEDAITE HIGH – ENGLISH)

## PUBLICATIONS

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G. Kim<sup>1</sup>, J. Lee<sup>1</sup>, M. Kang<sup>2</sup>, W. Go<sup>2</sup>, and J-U Hou<sup>†</sup>, “Enhancing Optical Character Recognition Performance in the Cybersecurity Domain for Indicator of Compromise Analysis” Engineering Applications of Artificial Intelligence, 2024. (under review)