

# Woohyeok Kim

Ph.D. Candidate

POSTECH

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## EDUCATION

Sep. 2022 ~ Present	<b>Pohang University of Science and Technology</b> Graduate School of Artificial Intelligence  <i>Ph.D. Student</i> GPA: 4.13 / 4.3	Pohang, Korea
Mar. 2017 ~ Aug. 2022	<b>Sejong University</b> Department of Artificial Intelligence  <i>B.S in Unmanned Vehicle Engineering, Summa Cum Laude (1/84)</i> GPA: 4.43 / 4.5	Seoul, Korea

## PUBLICATIONS (INTERNATIONAL)

1. **Woohyeok Kim\***, Genu Kim\*, Junyong Lee, Seungyong Lee, Sunghyun Cho, "ParamISP: Learned Forward and Inverse ISPs using Camera Parameters", *The IEEE/CVF Computer Vision and Pattern Recognition (CVPR 2024)*
2. Sanghyun Kim\*, Minjung Lee\*, **Woohyeok Kim**, Deunsol Jung, Jaesung Rim, Sunghyun Cho, Minsu Cho, "Burst Image Super-Resolution with Base Frame Selection", *New Trends in Image Restoration and Enhancement workshop (NTIRE 2024)*

## PUBLICATIONS (DOMESTIC)

1. Daeyeon Kim, **Woohyeok Kim**, Sunghyun Cho, "Enhancing A Neural-Network-based ISP Model through Positional Encoding", KCGS 2024 (**Undergraduate Outstanding Paper Award**)
2. **Woohyeok Kim**, Geonu Kim, Seungyong Lee, Seung-Hwan Baek, Sunghyun Cho, "Improvement of realistic forward and reverse ISPs through modular ISP networks", IPIU 2024 (**Outstanding Paper Award**)

## MILITARY SERVICE

- Feb. 2018 ~ Oct. 2019 - Republic of Korea Army (Reconnaissance Unit)

## AWARDS AND HONORS

- Undergraduate Outstanding Paper Award, KCGS 2024, Korea (Jul. 2024)

- Outstanding Paper Award (Bronze Prize), IPIU 2024, Korea (Jan. 2024)
- Chief of Staff of the Army Award, Republic of Korea Army, Korea (Nov. 2018)