Woohyeok Kim

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EDUCATION

Sep. 2022 ~ Present	**Pohang University of Science and Technology** Graduate School of Artificial Intelligence	Pohang, Korea
	Ph.D. Student GPA: 4.11 / 4.3	
Mar. 2017 ~ Aug. 2022	**Sejong University** Department of Artificial Intelligence	Seoul, Korea
	B.S in Unmanned Vehicle Engineering, Summa Cum Laude (1/84) GPA: 4.43 / 4.5	

PUBLICATIONS (INTERNATIONAL)

1. **Woohyeok Kim**, Jaesung Rim, Daeyeon Kim, Sunghyun Cho, "Dynamic Exposure Burst Image Restoration", *CVPR 2026*

2. Jaesung Rim, **Woohyeok Kim**, Haeyun Lee, Heemin Yang, Ke Wang, Sunghyun Cho, "Gyro-based Deep Video Deblurring", *CVPR 2026*

3. Jiyun Won, Heemin Yang, **Woohyeok Kim**, Jungseul Ok, Sunghyun Cho, "POS-ISP: Pipeline Optimization at the Sequence Level for Task-aware ISP", *CVPR 2026 Findings*

4. **Woohyeok Kim***, Genu Kim*, Junyong Lee, Seungyong Lee, Sunghyun Cho, "ParamISP: Learned Forward and Inverse ISPs using Camera Parameters", *CVPR 2024*

5. Sanghyun Kim*, Minjung Lee*, **Woohyeok Kim**, Deunsol Jung, Jaesung Rim, Sunghyun Cho, Minsu Cho, "Burst Image Super-Resolution with Base Frame Selection", *CVPR 2024 Workshops*

PUBLICATIONS (DOMESTIC)

1. Yunkyu Lee, **Woohyeok Kim**, Sunghyun Cho, "Lens Modeling for Integrated Simulation of Optical Image Degradation", KCGS 2025 **(Outstanding Poster Presentation Award)**

2. Yongkee Lee, **Woohyeok Kim**, Sunghyun Cho, "Non-uniform Exposure Prediction Pipeline for Burst Image Restoration", KCGS 2025

3. Daeyeon Kim, **Woohyeok Kim**, Sunghyun Cho, "Enhancing A Neural-Network-based ISP Model through Positional Encoding", KCGS 2024 **(Undergraduate Outstanding Paper Award)**

4. **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 & HONORS

- Outstanding Reviewer, NeurIPS 2025, United States (Dec. 2025)
- Outstanding Poster Presentation Award, KCGS 2025, Korea (Jul. 2025)
- 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)