INWOO HWANG

✉ inusu0818@snu.ac.kr 🏠 https://inwoohwang.me 🎓 Google Scholar

Education

Seoul National University — **Seoul, Korea**

Ph.D. in Electrical and Computer Engineering — 03/2022 – Current

B.S. in Electrical and Computer Engineering — 03/2016 – 02/2022

* military service completed (12/2017 - 12/2019)

Seoul Science High School for the gifted — **Seoul, Korea**
Major: Mathematics — 03/2013 – 02/2016

Honors and Awards

Excellent Research Talent Fellowship, BK21. — 2023

The Hyundai Motor Scholarship(**Ph.D. scholarship**, $ 40,000), Chung Mong-Koo foundation. — 2022 – Current

The Presidential Science Scholarship(**Field: Mathematics**, $ 40,000), Ministry of Science and ICT. — 2016 – 2022

Gold medal, University Mathematics Competition, for mathematics major. — 2020

Silver medal, University Mathematics Competition. — 2019

15th place, Simon Marais Mathematics Competition, Undergraduate Mathematics Competition Asia-Pacific. — 2019

Excellence award, High school Mathematics Competition, Final Korean Mathematical Olympiad (FKMO). — 2015

Publications

Text2Scene: Text-driven indoor scene stylization with part-aware details — CVPR 2023, Highlight
Inwoo Hwang, Hyeonwoo Kim and Young Min Kim — 📎 paper video
research keywords: 3D Stylization

Text2PointCloud: Text-Driven Stylization for Sparse PointCloud — Eurographics 2023, Short
Inwoo Hwang, Hyeonwoo Kim, Donggeun Lim, Inbum Park and Young Min Kim — 📎 paper video
research keywords: 3D Stylization

Ev-NeRF: Event Based Neural Radiance Field — WACV 2023
Inwoo Hwang, Junho Kim, and Young Min Kim — 📎 paper video
research keywords: Neural Radiance Field, Event Based Vision

Ev-TTA: Test-Time Adaptation for Event-Based Object Recognition — CVPR 2022
Junho Kim, **Inwoo Hwang**, and Young Min Kim — 📎 paper video
research keywords: Test-Time Adaptation, Event Based Vision

MasKGrasp: Mask-based Grasping for Scenes with Multiple General Real-world Objects — IROS 2022
Junho Lee, Junhwa Hur, **Inwoo Hwang**, and Young Min Kim — 📎 paper video
research keywords: Object Recognition, Robot Manipulation

Research Experience

Laboratory for Imaging Science and Technology, Seoul National University — **Seoul, Korea**
Research Intern — 12/2020 – 02/2021
- Worked on MRI Image Reconstruction.

Robot Learning Laboratory, Seoul National University — **Seoul, Korea**
Research Intern — 08/2020 – 12/2020
- Worked on 3D object detection and robot manipulation.

Academic Activities

Reviewer: CVPR 2023, 2024, ICCV 2023, ICRA 2023, RA-L 2023