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Tai Hyoung (William) Rhee

EDUCATION

Seoul National University (SNU)   *Present*
M.S. in Mechanical Engineering (ME)

Seoul National University (SNU)   *Feb. 2025*
B.S. in Mechanical Engineering (ME)
Graduated *Cum laude*

Canadian International School of Beijing (CISB)   *Jun. 2018*
International Baccaulaureate (IB) Diploma Programme

EXPERIENCE

MSDP Undergraduate Dissertation Internship   *Mar. 2024 - Dec. 2024*
Title: Robust Transformer-based Neural Inertial Navigation with Deep IMU Bias Inference
Advised by Dr. Ayoung Kim

Robot Vision Laboratory UROP Internship   *Jun. 2024 - Dec. 2024*
Title: Applying 3D Gaussian Splatting for 360 Panoptic Images
Advised by Dr. Jongwoo Lim

RPM Robotics Laboratory UROP Internship   *Dec. 2023 - Feb. 2024*
Title: GPS-IMU, Vision-IMU Integration and Odometry
Advised by TA Hyeonjae Gil, Dr. Ayoung Kim

ROK Army Military Service   *May. 2020 - Nov. 2021*

AWARDS AND HONORS

2005	Graduated *Cum laude*, ME, SNU
2024	1st Place Award & Scholarship, "Robot Vision" Course, SNU
2022 - 2024	Academic Scholarship Recipient, SNU

FIELD OF INTEREST

Visual simultaneous localization and mapping (SLAM), Navigation, 3D reconstruction, Structure from Motion, Computer vision, Autonomous vehicles, Mobile robotics, Robotic perception, Spatial AI