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Tai Hyoung (William) Rhee

EDUCATION

Seoul National University (SNU) M.S. in Mechanical Engineering (ME)	<i>Present</i>
Seoul National University (SNU) B.S. in Mechanical Engineering (ME) Graduated <i>Cum laude</i>	<i>Feb. 2025</i>
Canadian International School of Beijing (CISB) International Baccalaureate (IB) Diploma Programme	<i>Jun. 2018</i>

EXPERIENCE

MSDP Undergraduate Dissertation Internship Title: Robust Transformer-based Neural Inertial Navigation with Deep IMU Bias Inference Advised by Dr. Ayoung Kim	<i>Mar. 2024 - Dec. 2024</i>
Robot Vision Laboratory UROP Internship Title: Applying 3D Gaussian Splatting for 360 Panoptic Images Advised by Dr. Jongwoo Lim	<i>Jun. 2024 - Dec. 2024</i>
RPM Robotics Laboratory UROP Internship Title: GPS-IMU, Vision-IMU Integration and Odometry Advised by TA Hyeonjae Gil, Dr. Ayoung Kim	<i>Dec. 2023 - Feb. 2024</i>
ROK Army Military Service	<i>May. 2020 - Nov. 2021</i>

AWARDS AND HONORS

<i>2005</i>	Graduated <i>Cum laude</i> , ME, SNU
<i>2024</i>	1st Place Award & Scholarship, "Robot Vision" Course, SNU
<i>2022 - 2024</i>	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