

# Jaemin Cho

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RESEARCH INTERESTS	Computer Vision, Visual-SLAM, 3D Reconstruction, Autonomous Vehicle, Augmented Reality	
EDUCATION	<b>Stony Brook University</b> M.S. in Computer Science Advisor: Prof. François Rameau	Aug. 2024 - Present
	<b>Inha University</b> B.E. in Electronic Engineering <i>Study Abroad: Stony Brook University, Department of Computer Science</i>	Mar. 2018 - Jun. 2024 Spring 2023
RESEARCH EXPERIENCE	<b>Korea Electric Power Corporation Research Institute</b> <i>Research Intern</i> <ul style="list-style-type: none"><li>Collaborated on <a href="#">KEPCO XR Safety Training System</a> focusing on Human Pose Estimation.</li><li>Contributed to an Auggie Award-winning project recognized as <a href="#">Best Education &amp; Training Solution at AWE USA 2024</a>.</li></ul>	Sep. 2023 - Feb. 2024 Daejeon, Korea
HONORS AND AWARDS	<b>Graduate Tuition Scholarship, Research Assistant, Full Tuition</b> <b>Research Assistantship Stipend, Department of Computer Science</b> <b>Anti-Money Laundering Challenge Winner, Nepal Applied Mathematics and Informatics Institute for Research (NAAMII)</b> Inha Program Scholarship Exchange Student Scholarship <b>Grand Prize, Industry-driven Capstone Design Competition</b> National Grant (Type II)	Aug. 2024 - Present Aug. 2024 - Present Jan. 2025 Sep. 2023 Jan. 2023 Jun. 2022 Mar. 2018
PROJECT	<b>SLATE: Scalable Localization &amp; Tracking for Autonomous Parking Environments</b> <ul style="list-style-type: none"><li>Designing <i>Mixture of Scene Coordinate Experts for Visual Localization on large-scale datasets</i></li><li>Proposal under review for the Austria–Korea Joint Mobility Program (2025–2027)</li></ul> <b>4D Multi-Car Accident Reconstruction from Dashcam Footage</b> <ul style="list-style-type: none"><li>Researching <i>Multi-view Alignment methods for Dynamic 4D Scene Reconstruction</i></li><li>Proposal under review for the Czech–Korea Joint Research Program (2025–2027)</li></ul> <b>Visionin – Software Development Intern</b> <ul style="list-style-type: none"><li>Evaluated a Lane Keeping Assist System within a simulated Songdo road environment.</li><li>Tuned YOLOv4-based fire detection accuracy by refining and augmenting fire datasets.</li></ul> <b>Honeywell CO Detector – Industry-driven Design Competition</b> <ul style="list-style-type: none"><li>Developed Arm Cortex-M3 MCU with integrated sensors for reliable CO detection.</li></ul>	2025 - 2025 - Jul. 2023 - Aug. 2023 Mar. 2022 - Jun. 2022
MENTORING	<b>4 Nepal B.E. Students</b> – Led AML Challenge team; Hackathon Winner <b>Aayusha Shrestha</b> (former NAAMII) – Advised on SoP; admitted to UNLV M.S. CS <b>Sandesh Bashyal</b> (B.E. Paschimanchal Campus) – Guided on image diffusion	Jan. 2025 2025 2025 -
LANGUAGE PROFICIENCY	Native in <b>Korean</b> , fluent in <b>English</b> <ul style="list-style-type: none"><li>GRE: Verbal 147, Quantitative 170, Writing 3.0</li><li>OPIc (Oral Proficiency Interview – computer): AL (Advanced Low)</li></ul>	
LEADERSHIP EXPERIENCE	<b>U.S. Army</b> <i>Human Resource Specialist, assigned via KATUSA Program</i>	Jul. 2019 - Jan. 2021 Camp Carroll, Korea