

# Wooseok Song

Undergraduate Student  
Gachon University  
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<https://noctml.github.io/>

## EDUCATION

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Mar. 2021 ~ Present	<b>Gachon University</b> Department of AI&Software  <i>Bachelor Student</i> GPA: 4.08 / 4.5	Seongnam, Korea
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## RESEARCH INTERESTS

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- SLAM
- Deep learning

## PUBLICATIONS (DOMESTIC)

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1. 송우석, 조재현, 안종현, "데이터 증강을 활용한 경량 End-to-End 자율주행 학습 성능 개선 연구", 2025년 한국자동차공학회 추계학술대회 및 전시회, (2025)

## RESEARCH EXPERIENCES

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- Research Student at Department of AI, VIP-LAB, Gachon University, Korea (May. 2025 ~ Mar. 2026) / Mobile Robot Perception
- Research Student at Department of Computer Engineering, RAISE LAB, Gachon University, Korea (Apr. 2026 ~ Present) / Dynamic SLAM

## SIDE PROJECTS

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- Parang-E Control, VIP-LAB, Korea / 3D Lidar SLAM, Path Tracking, Simulation (Aug. 2025 ~ Dec. 2025)
- Reconstruct Room for 3D with mobile phone, Graduate Project, Korea / Developing 3D Reconstruction Method (3dgs, feed forward recon) (Dec. 2025 ~ Present)

## AWARDS AND HONORS

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- LIMO Autonomous Driving Competition 1st prize, VIP-LAB, Korea (Aug. 2025)

## **CLUB**

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- Take Out - 가천대학교 자율주행 동아리 (Sept. 2024 ~ Dec. 2025)
  - AME 자율주행 해커톤 참가 - AR marker course (Jul. 2025)
  - 자율주행 인공지능 챌린지 참가 (Aug. 2025 ~ Sept. 2025)
  - ROS & OpenCV study mentor (Nov. 2025)

## **STUDY**

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- Deep Learning - Andrew Ng (Sept. 2025 ~ Dec. 2025)
- Computer Vision - Fast Campus (Nov. 2025 ~ Present)
- SLAM Course (2013) - Cyrill Stachniss (April. 2026 ~ Present)

## **SKILLS AND TECHNIQUES**

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- ros
- python, c++
- ubuntu