

Seonae Jeon

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Education

DGIST, Daegu, Korea Feb. 2023 – Present
School of Undergraduate Studies
B.S. Candidate in Computer Science and Engineering
GPA: 3.93 / 4.3

University of California, Berkeley, Berkeley, CA, USA Summer 2024
Visiting Student

Publications

- Taewon Seo*, **Seonae Jeon***, Giwon Lee*, Kuk-Jin Yoon[†], and Daehee Park[†] “**Unified Prediction and Planning via Conflict-Aware Disjoint Parameter Training**” (ECCV 2026)
- Wooseong Jeong*, Giwon Lee*, **Seonae Jeon***, Taewon Seo*, Jaeyoung Lee, Daehee Park[†], and Kuk-Jin Yoon[†] “**CARMA: Cross-Domain Module Merging for Robust Motion Planning and End-to-End Driving**” (Submitted to T-IV).

* Equal contribution. † Corresponding authors.

Research Experience

Undergraduate Researcher, Intelligent Systems and Learning (ISL) Lab, DGIST EECS Mar. 2025 – June. 2026
Advisor: Daehee Park

- Co-authored papers on conflict-aware disjoint parameter training and modular knowledge merging for autonomous driving

Undergraduate Researcher, Advanced Machine Intelligence (AMI) Lab, KAIST School of Computing June. 2026 – Present
Advisor: Tae-Hyun Oh

Honors & Awards

- Dean’s List, DGIST Fall 2023, Spring 2025
- Special Prize, AI Utilization Competition, DGIST Spring 2025

Experience

- Peer Counselor (PC) Scholarship, DGIST Feb. 2024 – Jan. 2025
- Teaching Assistant, Multivariable Calculus, DGIST Fall 2025

Skills

Programming Language: Python, C/C++

Frameworks: PyTorch

Tools: AutoCAD, SolidWorks, Vivado