

JUNSU KIM

Curriculum Vitae

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Education

Korea Advanced Institute of Science and Technology (KAIST) Daejeon, South Korea
B.S. in Electrical Engineering Mar 2021 – *Expected Aug 2027*
GPA: 4.10/4.3 (Major GPA: 4.20/4.3)

Honors

KAIST Presidential Fellowship (15th) Feb 2025 – Present
KAIST EE, Dean's List Award Spring 2024
Awarded to the top 3% of all EE students
KAIST, Freshman Dean's List Award Fall 2021
Awarded to the top 3% of all freshman students
Woon Hae Scholarship (12nd) Feb 2025 – Dec 2025
National Science & Engineering Scholarship for Academic Excellence Aug 2025 – Present

Activities

KAIST AI Studying Club (Include) Sep 2024 – Present
Young Engineers Honor Society (YEHS) Jan 2025 – Present
KAIST International Volunteer Club (SilverLining) Mar 2025 – Dec 2025
KAIST Freshman Proctor Feb 2024 – Dec 2024
KAIST Freshman Tutoring Program (Calculus I) Mar 2022 – Jun 2022
Other Extracurriculars: Orchestra, Sports, Student Clubs

Related Coursework

- EE202 Signals and Systems (A+)
 - EE304 Electronic Circuits (A+)
 - EE209 Programming Structure for Electrical Engineering (A0)
 - EE381 Control System Engineering (A+)
 - EE303 Digital System Design (A+)
 - EE432 Digital Signal Processing (A+)
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Experiences

Computer Vision Lab (CVLAB) Jun 2025 – Present
Research Intern (Advisor: Prof. Seungryong Kim, KAIST AI)

- Conducting research on 3D Vision: multi-view scene reconstruction pipelines integrating Gaussian Splatting and transformer-based depth estimation (VGGT / NoPoSplat)

- Reviewed object detection models (RCNN-YOLO, ViT)
 - Implemented baseline detectors for few-shot and anomaly detection tasks
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Projects

FaceVerify-AM: Face Verification with AM-Softmax (EE40034, KAIST)

- Two-stage metric-learning pipeline for face verification using ResNet-18 and AM-Softmax.
 - Train1 (scratch) → Train2 (fine-tuning) structured training design.
 - Ablation on loss, optimizer, LR scheduler, and augmentation strategies.
 - Achieved **9.66% EER** (baseline: 22.31%).
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Skills

Programming: C/C++, Python, PyTorch
English: TOEFL 101