

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: 4.11/4.3 (Major GPA: 4.19/4.3)

Honors

KAIST Presidential Fellowship (15th)	Feb 2025 – Present
KAIST EE, Dean's List Award	Spring 2024
<i>Awarded to the top 3% of all EE students</i>	
KAIST, Freshman Dean's List Award	Fall 2021
<i>Awarded to the top 3% of all freshman students</i>	
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
Google Student Ambassador	Sep 2025 – Dec 2025
<i>Promoted Gemini Pro to KAIST students via short-form video content</i>	
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
EERun (KAIST EE Running Club), President	Sep 2024 – Dec 2025
<i>Led a student running club by organizing weekly training sessions and semester events</i>	
<i>Other Extracurriculars: Orchestra, Sports, Student Clubs</i>	

Related Coursework

- EE.20002 Signals and Systems (A+)
- EE.30004 Electronic Circuits (A+)
- EE.30081 Control System Engineering (A+)
- EE.40032 Digital Signal Processing (A+)
- EE.40034 Deep Learning for Visual Understanding (A+)
- AI.50004 AI for Programming (S)

Experiences

Computer Vision Lab (CVLAB) Research Intern (Advisor: Prof. Seungryong Kim, KAIST AI)	Jun 2025 – Present
Video and Image Computing Lab (VICLAB) Research Intern (Advisor: Prof. Mun Churl Kim, KAIST EE)	Dec 2024 – Jun 2025

- 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

Projects

FaceVerify-AM: Face Verification with AM-Softmax (EE.40034, 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 **8.02% EER** (baseline: 22.31%).

Skills

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