

JUNSU KIM

Curriculum Vitae

sam9732@kaist.ac.kr | 010-8334-9528 | Daejeon, South Korea

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 <i>Awarded to the top 3% of all EE students</i> | Spring 2024 |
| KAIST, Freshman Dean's List Award <i>Awarded to the top 3% of all freshman students</i> | Fall 2021 |
| 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 |
| <i>Other Extracurriculars: Orchestra, Sports, Student Clubs</i> | |

Related Coursework

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

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)

Video and Image Computing Lab (VICLAB)
Research Intern (Advisor: Prof. Mun Churl Kim, KAIST EE)

Dec 2024 – Jun 2025

- 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 (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%).
-

Skills

Programming: C/C++, Python, PyTorch

English: TOEFL 101