

# 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  
*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  
**Google Student Ambassador** Sep 2025 – Dec 2025  
*Promoted Gemini Pro to KAIST students via short-form video content*  
**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  
*Led a student running club by organizing weekly training sessions and semester events*  
*Other Extracurriculars: Orchestra, Sports, Student Clubs*

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## 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)
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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)

### Video and Image Computing Lab (VICLAB)

Dec 2024 – Jun 2025

**Research Intern** (Advisor: Prof. Mun Churl Kim, KAIST EE)

- 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 (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%).
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## Skills

Programming: C/C++, Python, PyTorch

English: TOEFL 101