

Minhyeok Bang

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EDUCATION

JBNU (Jeonbuk National University)

Mar. 2019 – Feb. 2027 (Expected)

B.S. in Computer Science and Engineering

Jeonju, Republic of Korea

- Total GPA of **4.24 / 4.5**, Major GPA **4.37 / 4.5** (class rank **2 / 94**)
- Coursework: Computer Graphics, Computer Vision, Machine Learning, Deep Learning
- Research Interests: 3D Gaussian Splatting, 3D Head Avatar, Mesh Deformation, Computer Graphics

RESEARCH EXPERIENCE

Visual Media Lab @ KAIST

Dec. 2025 – Present

Undergraduate Researcher (Advisor: Junyong Noh)

Daejeon, Republic of Korea

- Conducted **EDGAR** research, contributing to dataset construction, design of the 3DGS Head refinement pipeline, and experiments.

Vision Intelligence Lab @ JBNU

Apr. 2025 – Present

Undergraduate Researcher (Advisor: Se-Ho Lee)

Jeonju, Republic of Korea

- Led the **Geometry-Aware Style Transfer** research end-to-end, from problem formulation, code implementation, experiments, and result analysis to paper writing.
- Conducted research on 3D Gaussian Splatting, Diffusion-based Relighting, and related projects.

PUBLICATIONS

EDGAR : Efficient Diffusion-Driven Gaussian Avatar Refinement via Synthetic Failure

Under Review

Geometry-Aware Style Transfer in 3D Gaussian Splatting

Min Hyeok Bang*, Jun Hyeong Kim*, Seung Wook Kim, Se Ho Lee

ECCV 2026

INDUSTRY EXPERIENCE

WWD Korea Magazine & Gallerie X

Jul. 2023 – May. 2024

Visual Media Art Designer

Seoul, Republic of Korea

- **Seoul Fashion Week 24 F/W** : Oversaw the planning and production of the NewJeans main promotional video, managing 3D visual direction and final editing.
- **Runway to Seoul** : Producing interactive tech booth content and runway stage visuals.
- Worked media art productions including the Starfield COEX Mall exhibition and MAMA 2023 stage visuals
- Participated as a 3D AR Exhibition Designer, creating immersive digital exhibition environments.

TRAINING EXPERIENCE

Naver BoostCamp AI Tech 7th – CV Track

Aug. 2024 – Feb. 2025

Participant

Seoul, Republic of Korea

- Completed an intensive 6-month program focused on Computer Vision and Deep Learning, covering advanced topics such as object detection, OCR, and semantic segmentation.
- Participated in 4 AI challenges (Classification, Detection, OCR, Segmentation), achieving up to 1st place (1/24) by leading model optimization and data augmentation strategies.

Google Machine Learning BoostCamp 5th

Jul. 2024 – Oct. 2024

Participant

Seoul, Republic of Korea

- Completed the Coursera Machine Learning Specialization by Andrew Ng, focusing on deep learning theory and practical applications.

AWARDS

2026 **President's Award**, Academic Excellence Award

JBNU

2025 **GrandPrize**, AI Specialized Education Project

JBNU

2024 **Top 3% (89 / 2739 Teams)**, ISIC 2024 – Skin Cancer Detection with 3D-TBP

Research Track, Kaggle

2023 **Excellence Award**, 1st Korea NFT Digital Art Exhibition

Maeil Business Newspaper

SKILLS

Programming : Python, C/C++, CUDA, Java

Deep Learning : PyTorch, Scikit-learn, Keras, TensorFlow

Graphic Design : 3D Modeling, Texturing, Character Rigging, Animation, Composition

Design Tools : CLO 3D, DAZ 3D, Cinema 4D, Blender, Adobe After Effects