



# Subin Byun

*AI Researcher*

Computer Science and Engineering, Dong-A Univ.

+82 010-7331-1250  
sb.byun@m4ml.re.kr  
github.com/SubinByun

## Education

**Dong-A University**, Master's in Computer Science and Engineering 2024.03 – Present

**Dong-A University**, Bachelor's in Computer Science and Engineering 2018.03 – 2022.02  
GPA: 4.02/4.5

## Work Experience

**Media For Machine Laboratory**, Graduate Student 2024.02 –  
- Studied about Deep Learning and Computer Vision.  
- Studied about ACoM and FCM to a deep learning based codec.

## Projects

**Audio Coding for Machines** 2024.02 –  
- Role: Main Researcher  
- Achievements: FCM-based compression research and development by converting audio signals into images.  
- Tools and technologies used: Python, Pytorch, C/C++

**Feature Compression for Machines** 2024.02 –  
- Role: Main Researcher  
- Achievements: I gained an understanding of video coding technology and FCM tasks.  
- Tools and technologies used: Python, Pytorch, C/C++

**Video Coding for Machines** 2023.05 – 2024.02  
- Role: Main Researcher  
- Achievements: I gained an understanding of video coding technology and VCM tasks.  
- Tools and technologies used: Python, Pytorch, C/C++

## Paper

**Analysis of audio coding trends for machines** 2024.06  
2024 KIBME Summer Conference

**Deep Feature Compression Approach for Audio Coding for Machine** 2024. 12  
2024 International Symposium on Nonlinear Theory and Its Applications (NOLTA2024))

## Skill

---

**Programming:** C/C++, Python, Java, JavaScript

**Tools:** Git, Docker, LaTeX, PyTorch

**Languages:** English (Fluent), Korean (Native)

**Area of Interest:** Computer Vision, Video Compression, Deep Learning

## Appendix - Name

**Project results:** <https://example.com/link1>

---

Description of the appendix item. This can be a brief explanation or additional details.