

Chanhhyuk Choi

☎ (+82) 10-8901-3003 | ✉ chan4184@gmail.com | 🏠 ChanHyeok-Choi.github.io

Education

UNIST(Ulsan National Institute of Science and Technology)

M.S. STUDENT IN AI GRADUATE SCHOOL

- Research Interest: Multimodal learning, Generative models

Ulsan, S.Korea

Mar. 2025 - Present

UNIST (Ulsan National Institute of Science and Technology)

B.S. IN COMPUTER SCIENCE AND ENGINEERING

- 3.7 / 4.3 (GPA), 3.82 / 4.3 (Major)
- Magna Cum Laude

Ulsan, S.Korea

Mar. 2018 - Feb. 2025

Research Experience

AI Center in CJ Corp.

AI RESEARCH INTERN

- Conducted research on **stable diffusion models** that could synthesize a preview of K-drama based on a summarized scenario [\[PREVIEW\]](#)
- Developed a data collection pipeline that extracts high-quality images from highlight scenes in K-dramas

Seoul, S.Korea

Aug. 2023 - Feb. 2024

ShapeLab

AI RESEARCH INTERN

- Developed a deep learning strategy to address Age Prediction and Alzheimer's Disease Classification based on [SPHARM-Net](#)
- Advisor: Prof. Ilwoo Lyu

Ulsan, S.Korea

Jul. 2023 - Aug. 2023

Project

Chest X-Ray Radiology Reports Generation with Pre-trained CLIP Model

JUNGMIN PARK, DAMI JUNG, **CHANHYUK CHOI**

- UNIST CSE402 Natural Language Processing [\[Github\]](#) [\[PDF\]](#)

Ulsan, S.Korea

Mar. 2023 - Jun. 2023

All-around Fitness App Project with AI Pose correction, Work-out machine Image search

YONGHYUN KIM, JEONGMIN PARK, SANGEUN SEO, JAEYEOP OH, JONGMIN KIM, **CHANHYUK CHOI**

- UNIST CSE333 Introduction to Human-Computer Interaction **Best Presentation Recognition** [\[Google Drive\]](#) [\[YouTube\]](#)

Ulsan, S.Korea

Mar. 2022 - Jun. 2022

Certificate

Computer Specialist in SpreadSheet & Database (Level-1)

KOREA CHAMBER OF COMMERCE AND INDUSTRY

- Qualification Number: 21-K9-119669

S.Korea

Oct. 2021

Extracurricular Activity

Working Holiday

UPPER-INTERMEDIATE LEVEL STUDENT

- Auckland English Academy (AEA) [\[CERTIFICATE\]](#) [\[REPORT\]](#)

Auckland, New Zealand

Feb. 2024 - Jul. 2024

2023 ABC Winter School Program @ UNIST

TEACHING MENTOR

- Teaching cs skills to sophomore students with [missing semester @ MIT](#) [\[DRIVE\]](#)

Ulsan, S.Korea

Jan. 2023 - Feb. 2023

2022 AI challenger Program @ UNIST

RESEARCH INTERN

- Conducted research on **GAN manipulation** using user inputs, such as sketch and text [\[POSTER\]](#)
- Advisor: Prof. Jaejoon Yoo

Ulsan, S.Korea

Oct. 2021 - Dec. 2021

2021 OCR AI Learning Data Hackathon Finalist

BACK-END DEVELOPER

- Voice-based search applications for the visually impaired [\[PDF\]](#) [\[PRIZE\]](#)

Seoul, S.Korea

Oct. 2021 - Dec. 2021

Freshman Student President @ UNIST

SAEROK, 3RD FRESHMAN STUDENT COUNCIL

- UNIST Freshman Council [\[FACEBOOK\]](#)

Ulsan, S.Korea

Mar. 2019 - Feb. 2020

Patent

Method for Providing Box Office Prediction Results through Analysis of Text Content and Apparatus Therefor

APPLICATION NUMBER: 18396247

US

2023/12/26

Method and Device for Generating Natural Language-based Training Data Using Video and Script Files and Performing Image Generation and Inference Using the Training Data

APPLICATION NUMBER: 18784742

US

2024/07/28

Presentation

Tech Presentation @ CJ AI Center

TECH INSTRUCTOR

Seoul, S.Korea

Aug. 2023 - Feb. 2024

- High-Resolution Image Synthesis with Latent Diffusion Models [\[PPT\]](#)
- Emu: Enhancing Image Generation Models Using Photogenic Needles in a Haystack [\[PPT\]](#)
- Style Aligned Image Generation via Shared Attention [\[PPT\]](#)