

Changwoo Jeon

AI ENGINEER · UNDERGRADUATE RESEARCHER

✉ cjwww826@ucla.edu  jeoncw cw  Changwoo Jeon  0009-0007-3370-5030 
<https://jeoncw cw.github.io/>



Education

Yonsei University

Seoul, Korea

B.S. IN ELECTRICAL & ELECTRONIC ENGINEERING

Mar 2021 - Feb 2027 (Expected)

- Three-time recipient of the Yonsei University Academic Excellence Award (Spring 2024, Fall 2024, Spring 2025).

University of California, Los Angeles

Los Angeles, CA, United States

UCEAP EXCHANGE STUDENT

Sep 2025 - Jun 2026

- Selected for the Korea-U.S. Advanced Industry Exchange Scholarship and awarded approximately USD 18,000 for exchange studies at UCLA.

Publication

MoCA3D: Monocular 3D Bounding Box Prediction in the Image Plane

arXiv Preprint

CHANGWOO JEON, RISHI UPADHYAY, AND ACHUTA KADAMBI

2026

Experience

Research Intern

Los Angeles, CA, United States

VISUAL MACHINES GROUP (UCLA)

Sep 2025 - Present

- Conducted research in computer vision and 3D perception, focusing on lifting methods that recover 3D information from 2D images and world models.

Research Intern

Seoul, Korea

MULTIMEDIA AI LAB (YONSEI UNIVERSITY)

Jul 2025 - Sep 2025

- Studied and conducted research on image generative models, particularly diffusion models and flow matching.

Skills

Programming Languages

C++, Python, JavaScript

Spoken Languages

Korean, English

Projects

Stock Price Predictor

 jeoncw cw/Data_Structure_Project

EEE 2020 (YONSEI UNIVERSITY)

2024

- Built a C++ stock valuation program that classified companies by sector, estimated intrinsic value from user-provided financial metrics, and stored stock data using a custom linked list.

SupCon-Guided Hybrid Classification for Long-Tailed Recognition

 jeoncw cw/DeepLab_final_project

EEE 4423 (YONSEI UNIVERSITY)

2025

- Developed a multi-stage long-tailed image classification framework combining SupCon, LDAM, and CSE losses, achieving the most balanced performance across head, middle, and tail classes.

Transformer-Based Neural Speech Decoding for Brain-to-Text

 jeoncw cw/ECE143A_2025Fall

ECE 143A (UCLA)

2025

- Developed transformer- and conformer-based neural speech decoders for the Brain-to-Text benchmark, reducing phoneme error rate from 22.82% to 17.59% through time masking and intermediate CTC.