

Jisu Kang

Daejeon, Republic of Korea
dev.newjacob19@gmail.com

Research Interests

Computer Vision, Artificial Intelligence

Working Experiences

Intern

Artificial Intelligence Lab.

(Prof. Kyoobin Lee)

School of Integrated Technology,

Gwangju Institute of Science and Technology

Gwangju, Rep. of Korea

January 2022 ~ Current

Research Intern

Human Robot Interaction Laboratory

Electronics and Telecommunications Research Institute (ETRI)

Daejeon, Rep. of Korea

July ~ August 2020

Research Intern

Human Robot Interaction Laboratory

Electronics and Telecommunications Research Institute (ETRI)

Daejeon, Rep. of Korea

March ~ July 2019

Projects

Traffic pose recognition AI for Autonomous driving

Sep.2020 ~ June.2021

B.E graduation project. (One-Man Project)

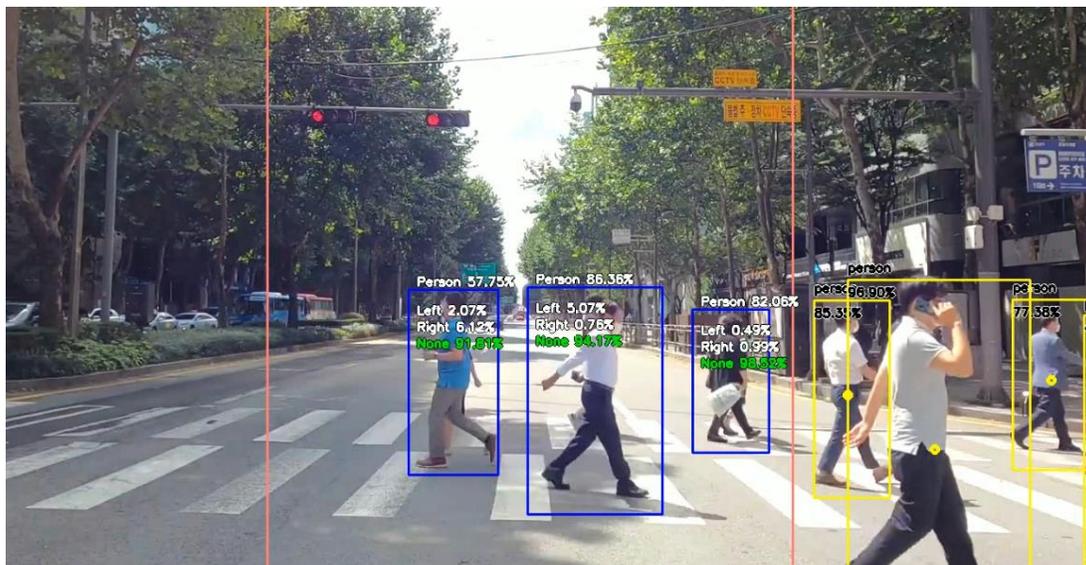
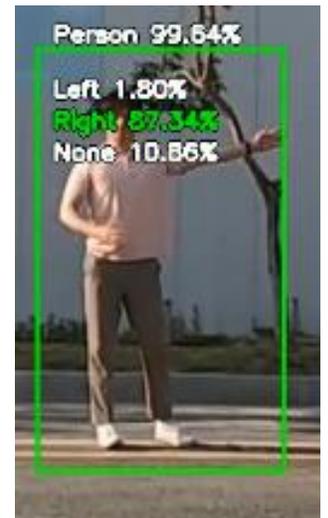
Advisor: Prof. Haneol Jang

2020, 2021 Capstone Design

Department of Computer Engineering,

Hanbat National University

- Recognize traffic pose in case of construction, accident and trouble of traffic lights during Autonomous driving.
- Detect person and indicate Result-direction after recognize traffic pose in region of interest (ROI). (*Produced with Pytorch*)



Exercise application using Pose estimation AI

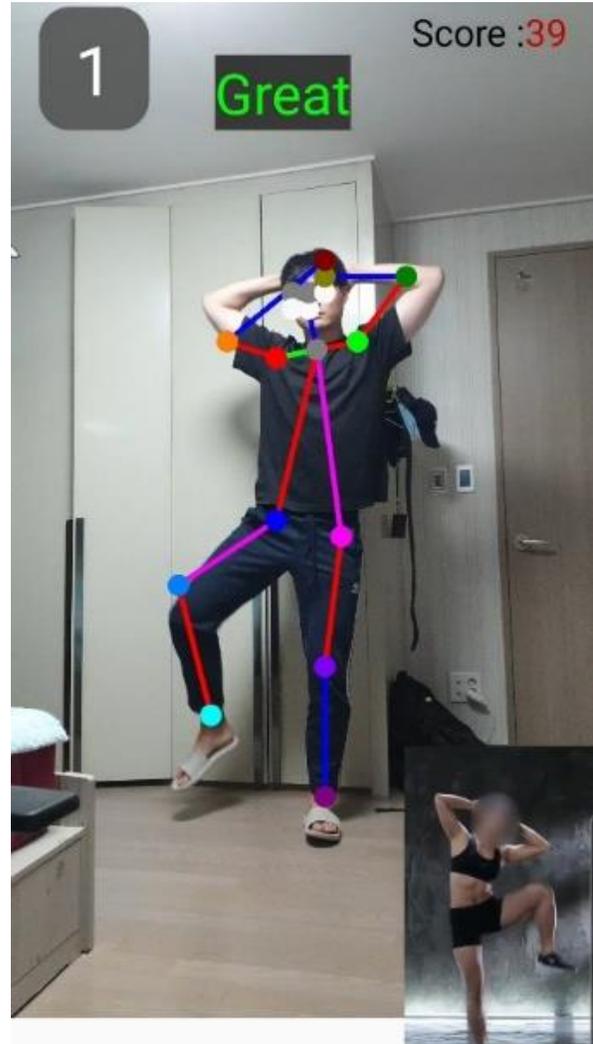
July.2020~Sep.2020

Research Intern

Manager : Dr. Dohyung Kim

Electronics and Telecommunications
Research (ETRI)

- Produced Android application using Pose Estimation, Pose similarity AI
- Indicated pose similarity to the lower right pose with color line
- Using Kotlin, NDK



Task name : Development of Human-care Robot Technology for Aging Society

NTIS task number : 1711103145

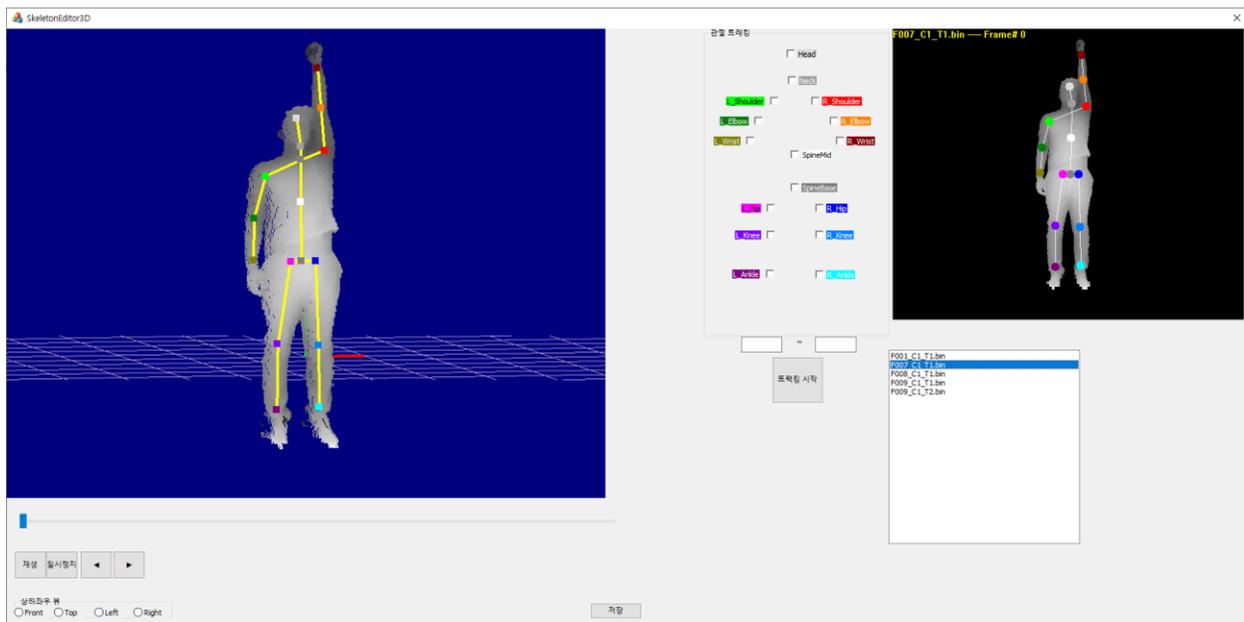
3D Skeleton Editor

Mar.2019~July.2019

Contract developer

Electronics and Telecommunications Research (ETRI)

- Expressed video from Kinect using OpenGL and can modify wrong joint position in 3D.
- Produced with C++ MFC, Open GL



Education

2014 – 2022	Student Department of Computer engineering, Hanbat National University Daejeon, Republic of Korea
2019–2019	Short-term exchange student English Cultural and Language Courses (ECLC), Robertson College Winnipeg, Manitoba, Canada

Publication

Data Generation Method based on Simulation to Improve Accuracy of Computer Vision

(Pending) Journal of the Korea Society for Simulation

Additional Information

English skills

TOEIC : 770

Communication : Intermediate (Worked in New Zealand as a Working holiday) July.2019 ~ June.2020

Military service

Complete Military service as an Auxiliary Police man, Korean National Police Agency Oct.2015 ~ July.2017

Reference

On request