Jisu Kang

Daejeon, Republic of Korea
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Research Interests

Computer Vision, Machine Learning, Autonomous driving.

Working Experiences

Research Intern

Human Robot Interaction Laboratory
Electronics and Telecommunications Research
Institute (ETRI)

Daejeon, Republic of
Korea
July. 2020 ~ Sep. 2020

Contract developer

Electronics and Telecommunications Research
Institute (ETRI)

Daejeon, Republic of
Korea
Mar. 2019 ~ July 2019

Education

2014 – Present	Senior grade 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

Projects

Traffic pose recognition AI for Autonomous driving   Sep.2020 ~ June.2021

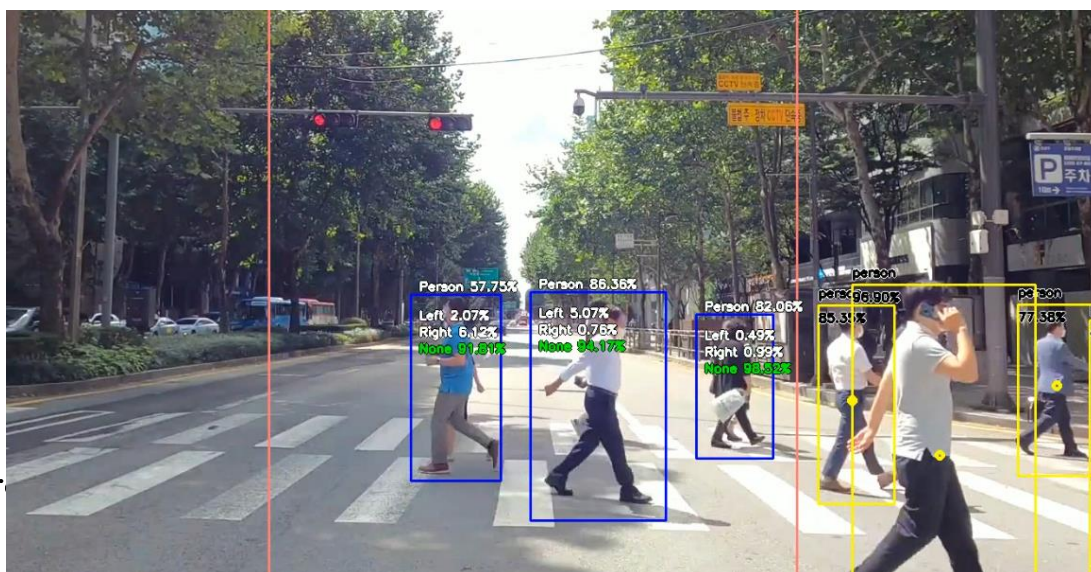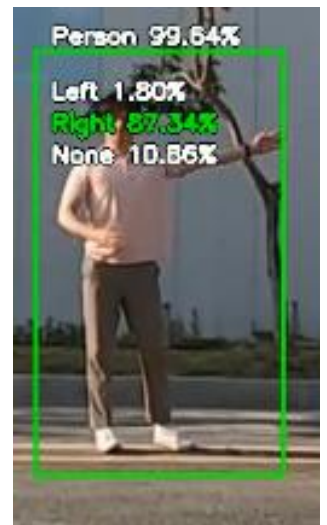B.E graduation project. (One-Man Project)   Advisor: Prof. Haneol Jang
2020, 2021 Capstone Design
Department of Computer Engineering,
Hanbat National University

- 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*)

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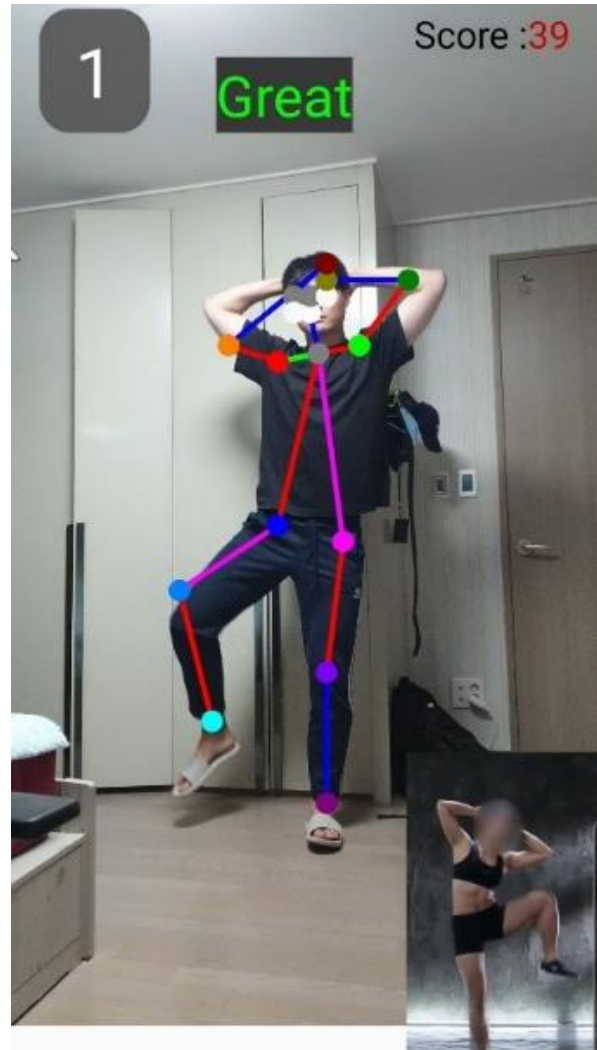
Research Intern   Manager : Dr. Dohyung Kim

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

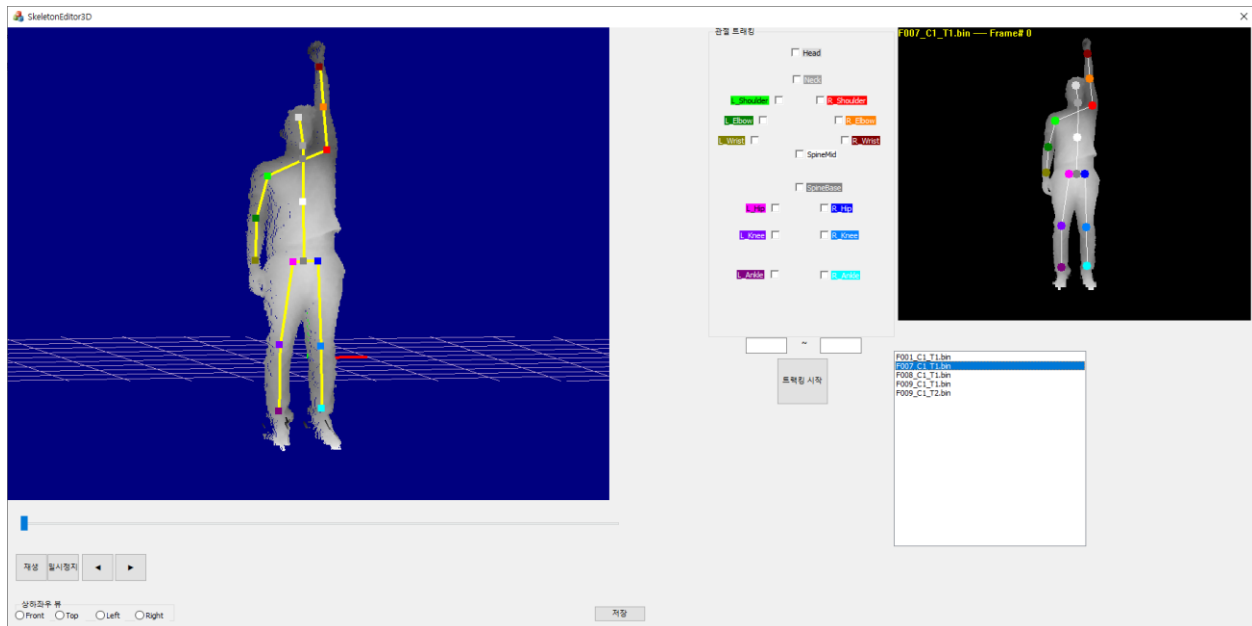NTIS task number：1711103145

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

Additional Information

English skills

    TOEIC : 770

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

Laboratory Experience

Syslet Database Laboratory, N5-502, Daejeon, Hanbat National University.

                      (Advisor : Prof. Youngchan Kim)

    Lab Researcher   Sep.2017 ~ Present

    Lab Captain   Mar.2018 ~ Dec.2018

Military service

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

Reference

On request.