Curriculum Vitae
Jeongwan On

Jeongwan On (온정완)

Bachelor Student
Department of Statistics
Chonnam National University, Gwangju, Korea

☏ +82) 10-9882-3782
✉ slalghsrm1@gmail.com
 GitHub Profile
⌂ Homepage

Research Interest

- Vision-Language Model, 3D Pose Estimation/Mesh Reconstruction

Education

23. Mar - 23. Jul	**Ulsan National Institute of Science and Technology (UNIST)** *Exchange Student* Department of Mathematical Sciences	*GPA : 4.0 / 4.3*
18. Mar - present	**Chonnam National University, Gwangju, Korea** *Bachelor Student* Department of Statistics	*GPA : 3.99 / 4.5*

Experience

23. Mar - 23. Sep.	**Vision and Learning Lab (UVLL)** *Research Intern* 3D Reconstruction / Hand pose estimation Transformer based object detection	⚲ *UNIST*
22. Sep - 22. Dec	**Euclidsoft** *Internship at Development team (Received Excellence Internship Award)* Model optimization (TensorRT, CUDA Stream) Object detection	⚲ *Daeojeon, Korea*

Publications

ECCV 2024	Z. Fan, T. Ohkawa, L. Yang, N. Lin, Z. Zhou, S. Zhou, J. Liang, Z. Gao, X. Zhang, X. Zhang, F. Li, L. Zheng, F. Lu, K. Zeid, B. Leibe, **J. On**, S. Baek, A. Prakash, S. Gupta, K. He, Y. Sato, O. Hilliges, H. Chang, A. Yao, "EgoHANDS: benchmarks and challenges for egocentric hand pose estimation under hand-object interaction". In European Conference on Computer Vision (**ECCV**), 2024. (Submitted)
ICASSP 2024	J. Kim, S. Hong, C. Kim, J. Kim, Y. Tiruneh, **J. On**, J. Song, S. Choi, and S. Baek, "Class-Wise Buffer Management for Incremental Object Detection: An Effective Buffer Training Strategy" in International Conference on Acoustics, Speech, and Signal Processing (**ICASSP**), 2024
IEIE 2023	J. Cha, J. Kim, S. Choi, **J. On** and S. Beak, "단안 비디오를 활용한 객체의 3D 바운딩 박스 추정 및 속력 계산, 움직임 예측" in Autumn Annual Conference of IEIE, 2023

IEIE 2023	J. Kim, S. Hong, J. Kim, **J. On**, C. Kim, Y. Tiruneh, J. Song, S. Choi, S. Beak, "Reducing data imbalancing for Object Detection" in Summer Annual Conference of IEIE, 2023

Honors and Awards

2023. Oct	**3rd place at 2023 ICCV hand challenge (Consistent Motion Reconstruction)**
2023. Nov	2023학년도 제5회 자연과학대학 학술제 학술분야 학장상, 전남대학교 자연과학대학
2023. Sep	디지털 신기술을 활용한 지역 문제해결 아이디어 공모전 최우수상, 광주정보문화산업진흥원
2022. Dec	[ABC Internship] ICT 학점연계 프로젝트 인턴십 우수 인턴상, (주)유클리드소프트
2022. Oct	[2022 통계학과 빅데이터 경진대회 1등, Chonnam National University, Korea
2021. Oct	2022 통계학과 빅데이터 경진대회 3등, Chonnam National University, Korea

Projects

23. Mar - present	"Development of Vision Recognition Module for ARTG Control", Ministry of Oceans and Fisheries **Development of Driving Autosteering Algorithm and Module** through Vision part
22. Aug - 23. Aug.	"Expanding Data Coverage through Incremental Learning and Development Integrated Domain Recognition Systems", LG Electronics **Conversion from pytorch model to tflite** for edge device - Development of **Object Detection** algorithm

Open Source

onnx2tf *Contributor* *& Sponsor*	"Self-Created Tools to convert ONNX files (NCHW) to TensorFlow/TFLite/Keras format (NHWC)" **Add a new parameter** called —custom_input_op_name_np_data_path(cind), in PR #296 **Add additional information** about the -cind option to the README, in PR #307 **Raise some issues**, in Issue #275, #282, #290, #308
nobuco *Contributor*	"Pytorch to Tensorflow conversion made somewhat easy." **Add the sin and cos operators**, in PR #5 **Add new implementation** of the prelu, in PR #7