Chanyoung Kim

Email: kochanha@gmail.com   **GitHub**: github.com/kochanha

Phone: (+82) 10-2823-5277   **LinkedIn**: linkedin.com/in/chanyoung-kim

Research interests

3D Computer Vision, Autonomous Flight Drones

Education

Sejong University   Seoul, Republic of Korea

B.S in Intelligence Mechatronics Engineering   Mar. 2017 – Present

GPA : 3.85 / 4.5

Publications

Performance Evalutaion on Inference Time of Ocular Disease Classifier Based on Light Embedded Systems

DongHyun Sim, **Chanyoung Kim**, Suzy Kwak, Jihyun Bae, Woo Jung Shin, Hyungsuk Kim[*]

The Institute of Electronics and Information Engineers, July. 2021

Audio-Semantic Manipulation for Artistic Paintings

Seunghyun Lee, Nahyuk Lee, **Chanyoung Kim**, Wonjeong Ryoo, Jinkyu Kim, SangHo Yoon[*], Sangpil Kim[*]

NeurIPS Workshop 2021 (Under Review)

Research experience

Research Intern, Computer Vision Lab @ Korea University

Mentor: Prof. Sangpil Kim (Dept. of AI)   Feb. 2021 – Present

Research event-based 3D computer vision. Study about event based vision and Artificial Intelligence.

Teaching experience

Korea National Council on Social Welfare

Mentor   Jun. 2020 – Dec. 2021

Mentoring IoT, Arduino and Machine Learning to age between 12 14

LG CNS

Teaching Assistant   July. 2021 – Present

AI Coding Mentoring for LG CNS Executives and Employees

Project experience

Seoul Metro

Station Attendant Helper Application   Jun. 2019 – Sep. 2019

Seoul Metro

Ultra-Light Weight TFLite Image Classification Model

for Edge Computing Systems   Feb. 2021 – Jun. 2021

GE Appliances a Haier company

Arial Semantic Segmentation with Drones		May. 2021 – Jun. 2021
Personal Project		

Anomaly Detection with Time Series Data   Jul. 2021 – Aug. 2021
LG CNS

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<tr><td>Awards</td><td>

1st Creative Convergence Nomad Idea Competition
2nd Prize   Dec. 2017
awarded by the Dean of Software Convergence College, Sejong Univ.
Team topic : "Making a Product Using Dye Sensitized Solar Cells(DSSC)"

4th Sejong SW Hackathon
2nd Prize   Jun. 2018
awarded by Director of Leading University for Excellence in Software Education Project, Sejong Univ.
Team topic : "IoT smart building system for Daeyang AI Center in Sejong Univ."

2019 Seoul PM Hackathon
5th Prize   Jun. 2019
awarded by Head of the Seoul Institute of Technology.
Team topic : "PM Mask Recommendation Depending On Personal State and Estimated Life Shortening Prediction based on AI Model"

XXIII Pyeongchang Olympic Winter Games
Award of Excellence   Feb. 2018
awarded by President of International Olympic Committee(IOC)
Medal of Contribution   Jul. 2019
awarded by Republic of Korea Government Minister of Culture, Sports and Tourism

Seoul Metro
Award of Certificate   Dec. 2019
awarded by CEO of Seoul Metro
Awarded for App Development Contribution

2020 International Robot Contest
4th Prize   Nov. 2020
AI Mission Challenge
Team topic : "Autonomous Flight Drone"

2021 Creative Makers Competition
1st Prize   Jun. 2021
awarded by the Dean of Software Convergence College, Sejong Univ.
Team topic : "Model Optimization Method for Light Embedded Systems"

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10th Sejong SW/AI Hackathon

4th Prize Oct. 2021

awarded by the Dean of Software Convergence College, Sejong Univ.

Team topic : "AI based Stock Price Prediction and Recommendation"

Club Activities **SMARCLE @ Sejong University**

Vice President Sep. 2017 – Present

I have established an AI club; led a study and various research.

www.smarcle.dev

Skills **Programming**

Proficient in: Python

Familiar with: C++, C

Tools

Proficient in: MS Office, Tensorflow, Scikit-Learn, Ubuntu, Git

Familiar with: Pytorch, Unity3D, Photoshop

Languages

Native Speaker in Korean

Proficient in English : 2 years at Mckinley School, Pasadena, CA, USA

Beginer in Japanese