

Chanyoung Kim

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Research interests	3D Computer Vision, Autonomous Flight Drones	
Education	Sejong University B.S in Intelligence Mechatronics Engineering	Seoul, Republic of Korea Mar. 2017 – Present
Publications	Performance Evalutaion on Inference Time of Ocular Disease Classifier Based on Light Embedded Systems DongHyun Sim, <u>Chanyoung Kim</u> , Suzy Kwak, Jihyun Bae, Woo Jung Shin <i>The Institute of Electronics and Information Engineers, July. 2021</i>	
Research experience	Research Intern, Computer Vision Lab @ Korea University <i>Mentor: Prof. Sangpil Kim (Dept. of AI)</i> 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 <i>Mentor</i> Jun. 2020 – Dec. 2021 Mentoring IoT, Arduino and Machine Learning to age between 12 14 LG CNS <i>Teaching Assistant</i> July. 2021 – Present AI Coding Mentoring for LG CNS Executives and Employees	
Project experience	Seoul Metro Station Attendant Helper Application <i>Seoul Metro</i> Jun. 2019 – Sep. 2019 Ultra-Light Weight TFLite Image Classification Model for Edge Computing Systems <i>GE Appliances a Haier company</i> Feb. 2021 – Jun. 2021 Arial Semantic Segmentation with Drones <i>Personal Project</i> May. 2021 – Jun. 2021	
Awards	1st Creative Convergence Nomad Idea Competition 2nd Prize <i>awarded by the Dean of Software Convergence College, Sejong Univ.</i> Team topic : "Making a Product Using Dye Sensitized Solar Cells(DSSC)" Dec. 2017	

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 Drone Flight"

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"

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

Familiar with: Pytorch, Unity3D, Photoshop

Languages

Native Speaker in Korean

Proficient in English

Beginner in Japanese