



Chanyoung Kim

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WEB CV & GITHUB

- kcy.smarcle.dev
- <https://github.com/kochanha>

ABOUT ME

I'm Chanyoung Kim(김찬영), Undergraduate at Sejong Univ. majoring in IME(Intelligent Mechatronics Engineering) Since 2017.
I have a big interest in Artificial Intelligence (especially auto navigation based on video recognition) , Drones, Computer Hardware System, Mobile IoT and so on.

EDUCATION

Junior in 2021 | Intelligent Mechatronics Engineering
Sejong University, Gwangjin-Gu, Seoul

AWARDS

- **Awarded 2nd Prize from 4th Sejong SW Hackathon (Jun. 2018)**
-> Team topic : "IoT smart building system for Daeyang AI Center in Sejong Univ."
- **Awarded 5th Prize from 2019 Seoul PM Hackathon (Jun. 2019)**
-> Team topic : "PM Mask Recommendation Depending On Personal State and Estimated Life Shortening Prediction"
- **Awarded Medal of Contribution from Government Minister of Culture, Sports and Tourism**
-> Pyeongchang Olympic Winter Games
- **Awarded 4th Prize from 2020 International Robot Contest-AI Mission Challenge (Nov. 2020)**
-> Team topic : "Autonomous Drone Flight Mission"
- **Awarded 1st Prize from 2021 Creative Makers Competition (Jun. 2021)**
-> Team topic : " Model Optimization Method for Light Embedded Systems "

PROJECTS

- Ultra-Light Weight TFLite Image Classification Model (GE Appliances)
- Arial Semantic Segmentation Using UNet (Personal Project)
- Seoul Metro Station Attendant Helper Application (Seoul Metro)
- Ocular Disease Classification Model Using MobileNetV2, EfficientNet, Vision Transformer for Edge Devices (Personal Project)
- Anomaly Detection with MVTecAD Using AutoEncoder (Personal Project)

WORK HISTORY

CO-FOUNDER & VICE CAPTAIN
SMARCLE-AI Club

09/2017 to CURRENT

- I have established an AI club; led a study and various research.
- Web page: www.smarcle.dev

UNDERGRADUATE RESEARCH INTERN

02/2021 to CURRENT

CVLab, Korea University, Seoul

- 3D Reconstruction Based on Event Signal
- Vision Based Autonomous Flight Drones

PUBLICATIONS

DOMESTIC CONFERENCE

{DongHyun Sim, **Chanyoung Kim**, Suzy Kwak, Jihyun Bae, Woo Jung Shin, ¹Hyung Seok Kim }, “ ***Performance Evalutaion on Inference Time of Ocular Disease Classifier Based on Light Embedded Systems***”, The Institute of Electronics and Information Engineers, July. 2021 (4 pages)