|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Chanyoung Kim   |  |  | | --- | --- | |  | Seongbuk-gu |  |  |  | | --- | --- | |  | 01028235277 |  |  |  | | --- | --- | |  | ko1158@naver.com | |

|  |  |  |  |
| --- | --- | --- | --- |
| **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-Focunder & Vice Captain *09/2017 to Current*  **SMARCLE-AI Club**   * 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) | |  | | |