Taeho Kim

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PERSONAL DATA

- Birth: 21st Nov. 1995, in Republic of Korea
- Blog: https://hwangtoemat.github.io/
- Github: https://github.com/HwangToeMat

EDUCATION

Mar. 2015 ~ Present	**Kyung Hee University** Department of Industrial & Management Systems Engineering *B.S Student*	Yongin, Korea

RESEARCH INTEREST

- **Computer Vision**
- **Deep Learning / Machine Learning (Object Detection, Super Resolution, Face Recognition, Pose Estimation…)**
- **Model Optimization & Service Enhancement**

RELEVANT COURSE & PROJECT

- **Capstone Design 2** *at Department of Industrial & Management Systems Engineering*   Sep. 2020 ~ Present
  - ✓ **DL/ML based Smart-Farm operations management platform**   *[Python, Tensorflow, Katib, Kubeflow, GCP, Kubernetes]*

- **ICT Challenge – Education Field** *at Ministry of Science and ICT*   Jul. 2020 ~ Present
  - ✓ **Pose Estimation based education platform**   *[Python, Pytorch, Tensorflow, Django, Flask, GCP, OpenCV]*

- **Capstone Design 1** *at Department of Industrial & Management Systems Engineering*   Mar. 2020 ~ Aug. 2020
  - ✓ **Face Recognition based education platform**   *[Python, Pytorch, Tensorflow, Django, Flask, GCP, OpenCV]*

- **Deep Learning – Digital Image Processing** *at Fast Campus*   Feb. 2020 ~ Apr.2020
  - ✓ **Football play detection with Tensorflow API**   *[Python, Tensorflow, Colab]*

- **Machine Learning** at *Department of Computer Science and Engineering*   Sep. 2019 ~ Dec. 2019
  - ✓ **Multi scale Super-Resolution with fewer parameters by using Asymmetric convolution**   *[Python, Pytorch, Colab]*

- **Theory of Artificial Intelligence** *at Department of Industrial & Management Systems Engineering* Sep. 2019 ~ Dec. 2019
  - ✓ **Pneumonia Detection with ResNet**   *[Python, Tensorflow]*

- **Machine Learning Short-Term Program** *at MLVC*   Jul. 2019 ~ Aug. 2019
  - ✓ **Super-Resolution paper review & implementation**   *[Python, Pytorch, OpenCV, Colab]*

- **Web/Python Programming** at *Department of Computer Science and Engineering*   Sep. 2018 ~ Dec. 2018
  - ✓ **Analyzing the Utilization of Public Bicycles in Seoul**   *[Python, Google API]*