Yonsoo Kim

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EDUCATION

Ewha Womans University   Seoul, South Korea
Bachelor of Computer Science Engineering, double major in Business   *Mar. 2017 – Present*
- Major GPA(Computer Science) **4.18 / 4.5**
- Cumulative GPA **4.07 / 4.5**

EXPERIENCE

Undergraduate Research Assistant   June 2020 – Aug 2020
Bioinformatics Lab, Ewha Womans University   *Seoul, South Korea*
- Researched prominent papers in NLP *like Transformer, BERT, etc.*
- Visualized the data to create Figures for the paper

PROJECTS

Handlang | *Python, Flask, Tensorflow* | github   DSC Ewha, Sep 2019 – Aug 2020
- Served as a project manager
- Developed Sign Language Education Web Application using with Tensorflow and Flask
- Researched and trained representative object detection models *like YOLO, Fast R-CNN, Inception v3*
- Collaborated in image labeling and annotation using *labelImg* tool
- Collaborated and controlled workflow using Github

AWARDS

Industrial Control System Security Attack Detection AI Competition   Aug 2020 – Sep 2020
Auspice by National Intelligence Service(NIS), Manage by National Security Research Institute
- **10th Place**
- Implemented 3 layer of bi-direcitonal GRU Network
- Trained the network based on unsupervised learning
- Implemented Data Visualization for EDA then extracted insights for feature engineering

EXTRACURRICULAR ACTIVITIES

DSC(Development Student Club) Ewha   Sep 2019 – Aug 2020
- Developed Handlang project
- Mini Seminar about *Google Teachable Machine*
- Volunteered as a sub-tutor of DSC Ewha 1st Open CodeLab
- Volunteered as a sub-tutor of DSC Ewha 2nd Open CodeLab
- Participated in Github 1 day 1 commit study club
- Developed a Slack Chatbot to check 1 day 1 commit

Study Club – Deep Learning Research Papers   Jul 2020 – Present
- Researched and Summarized deep learning papers

Python Tutor   Ewha W. Univ, Sep 2020 – Dec 2020
- Worked as a tutor of Python programming elective subject

INTERESTS

Deep Learning, Computer Vision, GAN, Auto-ML, Data Science

TECHNICAL SKILLS

Languages: Python, C/C++, Java, HTML/CSS, R
Frameworks: Pytorch, Tensorflow, Flask, Keras
Developer Tools: Git, Docker, Jupyter Notebook, Google Cloud Platform, VS Code, Visual Studio, PyCharm
Libraries: pandas, NumPy, Matplotlib, seaborn