Keun Ju Song

MS student
Sogang University
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EDUCATION

Mar. 2015 ~ Feb. 2021	**Korea Polytechnic University** Department of Electronics Engineering	Siheung, Korea

Thesis: PHODO : a Machine Learning-Based Face Tracking System

B.S. in Electronics Engineering
GPA: 3.93 / 4.5

Mar. 2021 ~ Present	**Sogang University** Department of Electronic Engineering	Seoul, Korea

Advisor: Hongseok Kim

Master Student

RESEARCH INTERESTS

- Energy forecasting
- Deep learning

CONFERENCES

1. KeunJu Song, YeChan Yun, SoHee Park, HyeKyoung Kim, SuMin Kim, "추계종합학술발표회", KICS, Seoul, Korea (Nov. 2020) - Poster

RESEARCH EXPERIENCES

- Researcher Student at Department of Embedded System Engineering, Korea Polytechnic University, Korea (Jun. 2020 ~ Jan. 2021) / Assisted Development of ADC and NB-IoT protocol

AWARDS AND HONORS

- Academic scholarship on the Dean's List, Korea Polytechnic University, Korea (Dec. 2018 ~ Aug. 2020)
- The First Prize : CP-CoP Competition, Korea Polytechnic University, Korea (Dec. 2019)
- WorldClass Enterprise Association chairman's award : 20th Industrial Technology Exhibition,

Korea Polytechnic University, Korea (Oct. 2020)

- Encouragement Prize : Result Performance of Korea Polytechnic University LINC+, Korea Polytechnic University, Korea (Nov. 2020)

PROJECTS

- Development of an IoT-Based Smart Management System for Individual Sewage Treatment Facility, Korea Polytechnic University, Korea / Assisted Development of ADC and NB-IoT protocol (Jun. 2020 ~ Jan. 2021)
- Smart City Energy Data Prediction / Analysis and Visualization, KEPCO (Korea Electric Power Corporation), KEPRI (Korea Electric Power Research Institute), Korea (Jul. 2019 ~ Present)

SKILLS AND TECHNIQUES

- Programming Language: C, C++, JAVA, Python
- Numerical simulation: Matlab
- Deep Learning: Tensorflow, PyTorch