

Education

- 2018–2013 **Seoul National University of Science and Technology**, *College of Engineering* **GPA : 3.04/4.5**
Drop out of Department of Mechanical System Design Engineering.
- 2013–2015 **Kwangwoon University**, *College of Natural Sciences* **GPA : 3.18/4.5**
B.S., Department of Mathematics.
Advisor : Prof. Sankmok Kim
- 2015–2017 **Kwangwoon University**, *College of Natural Sciences* **GPA : 4.38/4.5**
M.S., Department of Mathematics.
Advisor : Prof. Sankmok Kim

Work Experience

- Jun 2019– **Machine learning engineer**, HBEE CO. AI TEAM.
- Mar 2020 Worked on various machine learning related tasks, including but not limited to:
- Anomaly detection in semiconductor process granted by Samsung Electronics
 - Stacked Auto-Encoder with short time series
 - Semi-supervised GAN with sensor image data
- Nov 2018– **AI Research Intern**, POSTECH PIRL.
- Dec 2018 Worked on various machine learning related tasks, including but not limited to:
- Participated in Cardiac Segmentation Contest hosted by Asan Hospital, [[Repository](#)]
 - AI technology support to solve the difficulties of nearby small and medium-sized businesses

Training

- Jan 2021– **Boostamp AI Tech**, NAVER Connect Foundation.
- Jun 2021
- **U-stage** : Deep Learning Lecture(PyTorch Basic/NLP/CV/Graph), [[Repository](#)]
 - **P-stage** : Executed Image Classification project, Knowledge Tracing project and two NLP projects.
 - Mask image classification**, 2 weeks, [[Repository](#)]
 - Imbalanced image data classification, CutMix, EfficientNet
 - KLUE : Relation Extraction**, 2 weeks, [[Repository](#)]
 - Back Translation, Typed Entity Marker, RoBERTa, KoElectra
 - KLUE : Dialogue State Tracking**, 2 weeks, [[Repository](#)]
 - CoCo Augmentation, TAPT, BERT based model(SUMBT, TRADE and SOM-DST) fine-tuning with BLEU score filtering
 - Deep Knowledge Tracing**, 2 weeks, [[Repository](#)]
 - LightGBM, SAINT, Feature Engineering
- Sep 2018– **AI/Big Data Advanced Course**, POSTECH PIRL.
- Oct 2018 2 month camp course with team project
- Build stock price rise/fall prediction model using news data
 - Soynlp tokenizing, Embedding with Fasttext and 1DCNN modeling, LIME
 - Build Android Apps [[Video](#)]

Skills

- Languages Python, R
- Frameworks PyTorch, Tensorflow, Flask, HuggingFace, Docker

Extra Curriculars

- JUL 2018– SEP 2018 Participated in Seoul Santa Clover, an AI speaker app development process.