

Younghun Song

ADDRESS: KAIST E2-1 1218, 291 Daehak-ro, Yuseong-gu, Daejeon 34141, South Korea

PHONE: +82-10-5122-2728

EMAIL: younghun.song@kaist.ac.kr

Education

KAIST(Korea Advanced Institute of Technology), 2017-present

- M.S. Student, Graduate School of Knowledge Service Engineering
- Data Mining Lab(Supervisor: Prof. J.G.Lee)
- *Research Interests: Deep Learning, Recommender Systems, Natural Language Processing*

Sungkyunkwan University 2011-2017(*including 2 years of military service)

- B.S., Statistics
- B.A., Economics

Research Projects

Personalized Recommendation for Smart TVs, Samsung Electronics, 2017-present

- Surveyed and developed theoretical framework for applying ML algorithms to the client's recommender system.
- Integrated ML algorithms for NLP(e.g. word2vec) into the system using Tensorflow

News Headline Generation via Neural Hierarchical Abstractive Summarization, Class Project, 2017

- Implemented a 2-step Neural Summarization model that integrates 1) CNN sentence encoder 2) RNN Document Encoder 3) Attentive RNN Encoder-Decoder using PyTorch
- Final report: <https://goo.gl/b8gaaT>

Driver Doziness Detection using SVM, Independent Team Project, 2016

- Implemented a SVM-based classifier that uses EEG signals from sensors to detect whether a driver is dozy or not, using scikit-learn

Work Experiences

- **Research Assistant** Data Mining Lab, Graduate School of Knowledge Service Engineering, 2017-present

Technical Skills

- ML FRAMEWORKS: PyTorch, Tensorflow, scikit-learn
- PROGRAMMING LANGUAGES: Python, Java, C++, R, html, SQL
- DISTRIBUTED COMPUTING: Spark, Azure, Linux Server