Kim Juhyeong

Pursuing MS in KAIST, graduate School of AI

Graduated Sungkyunkwan Univ, South Korea

Multiple majored Business, Statistics, Computer Engineering

GPA: 4.09/4.5(3.64/4.0),   Graduation: August, 2020

+82-10-3126-0951 / wngud0811@naver.com

Github https://github.com/wngud0811/kjh_public

Linkedin https://www.linkedin.com/in/kimjuhyeong/

Qualifications

Strength: Python(Pytorch, Numpy, Pandas), R, Statistical Methods

Experienced: Web scrapping, Data Preprocessing, Docker, C/C++, Assembly(MIPS, ARM, x86), Java

Studied: Deep Learning book/PRML/CS231n/Gaussian Process for Machine Learning/
Convex Optimization/Analysis/Real Analysis/Functional Analysis

Research Experience

Undergraduate Thesis(2019/08~2020/06)

Amortized Inference of Bayesian Neural Network Parameters for solving Meta-Learning Problems

VAE, Neural Process, Bayesian Neural Network(Pytorch)

https://github.com/wngud0811/KJH_graduation

Summer Research Program & Undergraduate Student Researcher(2019/07~2019/10)

Supervised by Prof. Jaepil Heo. SKKU CS/Software

Implementing VAE, Gaussian Process, Bayesian Neural Networks variants(Pytorch)

Video Interpolation, Video Prediction Problem

Undergraduate Research Program(2018/07 ~ 2018/12)

Funded by Korea Foundation for the Advancement of Science and Creativity

Supervised by Prof. Hwang Youngdeok. SKKU Statistics(Currently at Baruch college, US)

CNN Modeling and Paper implementation with Python(Pytorch)

Image Preprocessing with Python(Pytorch, Numpy, OpenCV - cv2)

Research Assistant(2018/01~2018/05)

Supported Prof. Lee Gunwoong, SKKU Business(Currently at Korea university, South Korea)

Collecting data by web scrapping with Python(Selenium), Webdriver

Data preprocessing with Python(Numpy, Pandas)

Other associative Activities

3 semesters of Statistics Academic Club 'P-SAT', Sungkyunkwan Univ.

Undergraduate Statistics: Elementary Statistics, Time-Series, Statistical computing

3 in-depth data analysis projects for each semester

Experienced data preprocessing and tough academic presentations

2018 Korean Meteorological Agency weather bigdata contest – Second Prize

Main role: CNN modeling (Image regression with multi-task learning and hyperparameter tuning)

Related Article: https://www.boannews.com/media/view.asp?idx=72669

Main Interests

Bayesian Machine Learning, Gaussian Process, Bayesian Neural Networks, Uncertainty Quantification.