

Kyu Soon Kim

Bucheon, Korea 14729 | +82) 010-9929-8680 | kyu9510@snu.ac.kr | Korean Citizen

Education

Seoul National University

B.S., Statistics

Seoul, Korea
Mar 2014 - current

- Overall GPA : 3.98 / 4.3, Major GPA : 4.10 / 4.3
- Relevant Coursework : Regression Analysis, Computational Statistics, Time Series Analysis, Nonparametric Statistics

Queen Mary University of London

Summer school student

London, England
Jul 2019 - Aug 2019

- Course : Practical Machine Learning
- Mark : 90.9 / 100, Grade : A

Gyeonggi Science High School

- Specialized high school for students talented in math and science

Suwon, Korea
Feb 2011 - Feb 2014

Experience & Activities

Undergraduate Research Internship Program (Advisor : Jae-yong Lee)

Sep 2019 - current

- Implemented two methods of estimating a covariance matrix using the reference prior and Jeffreys prior in R
- Applied a bayesian deep learning model to the image retrieval data

R.O.K Armed Forces

Sergeant

Seongnam, Korea
Jul 2017 - Apr 2019

- Served in fulfillment of the mandatory military service duty for Republic of Korea citizens.
- Created and improved auto-processing software for data processing using Python.

Acoustic Guitar Club

Mentor

Jun 2014 - current

- Taught students to reach a level of proficiency to perform on stage.

Independent Research

Mar - Jun 2017

Time series analysis with car accident data

- Implemented and developed a time series model for monthly car accidents using statistical analysis software SAS.

Personal Tutor

Feb 2014 - Feb 2017

- Taught mathematics and physics to middle school, high school and university students.

DreamCamp Mentoring

Jul 2015

- Mentored high school students in rural area in finding and pursuing their dreams.

Research and Education Program (Advisor : Joong Seob Lee)

Feb 2012 - Dec 2013

- Researched the two primary methods, substitution and cut-projection, to create quasicrystals.
- Drew the mathematical equivalence between two methods, which enabled handling of quasicrystals mathematically.

Awards

Naver AI Vision Hackathon 2018

Dec 2018 - current

Image retrieval challenge using a large dataset

- Placed within the top 30 teams.
- Implemented an image retrieval model by applying transfer learning on a pre-trained CNN with Keras.

Ministry of Defence Start-up Challenge 2018

Jun - Sep 2018

Army Chief of Staff Award

- Developed a diary app for self-management by researching state-of-the-art NLP techniques including Deep Learning.
- Advanced to K-Startup Challenge 2018

College of Natural Sciences, SNU

Jun 2014 - Dec 2017

Dean's list

- 2014 1st semester, 2014 2nd semester, 2015 1st semester, 2016 2nd semester, 2017 1st semester

Collegiate Mathematics Competition

Nov 2014

*Bronze medal***Korean Mathematical Olympiad**

Aug 2012

Silver medal

- Placed within the top 50 candidates for the International Mathematical Olympiad.

Skills

Programming Languages : Python, C, R, Java, SAS**Machine Learning Frameworks :** Tensorflow, Keras**Statistical Analysis :** Time Series Analysis, Regression Analysis,
Discrete Data Analysis, Nonparametric/Parametric Estimation