BONGSOO YI

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EDUCATION

Seoul National University(SNU) Seoul, Republic of Korea
- *The integrated MS/Ph.D. Course of Science in Statistics; GPA: 4.00/4.30* *Mar. 2018 – present*
Temporarily left for 2 years due to military service (Jul. 2018 – Jun. 2020 expected)

Seoul National University(SNU) Seoul, Republic of Korea
- *Bachelor of Science in Statistics; Overall GPA: 3.86/4.30, Major GPA: 3.88/4.30* *Mar. 2014 – Feb. 2018*
Graduated 3rd class honor

Sejong Science High School(SSHS) Seoul, Republic of Korea
- *1 year early graduation; Specialized high school for students talented in math and science* *Mar. 2012 – Feb. 2014*

RESEARCH AND PROJECT EXPERIENCE

- **Department of Statistics, Seoul National University** Seoul, Republic of Korea
Research Intern (Advisor: Prof. Jaeyong Lee) *Jun. 2017 - Aug. 2017, Jun. 2019 - Jul. 2019*
  - Studied statistical time series analysis by dynamic linear models and forecast the fine dust concentration in Seoul
  - Participated in a lab seminar on "Bayesian Deep Learning with R"
  Reference: Yarin Gal (2016), "Uncertainty in Deep Learning"

- **Department of Statistics, Seoul National University** Seoul, Republic of Korea
Research Intern (Advisor: Prof. Byeong U. Park) *Dec. 2017 - Feb. 2018*
  - Studied kernel smoothing and spline smoothing methods
  - Participated in "2018 SNU International Statistics Workshop"

- **Department of Statistics, Seoul National University** Seoul, Republic of Korea
Research Intern (Advisor: Prof. Yongdai Kim) *Jul. 2017 - Dec. 2017*
  - Participated in a lab seminar on Deep Learning Architectures
  Reference: Stanford University CS231n "Convolutional Neural Networks for Visual Recognition"
  - Studied Natural Language Processing(NLP) with Deep Learning and life-long one-shot learning in recurrent neural networks on a large-scale machine translation task
  Reference 1: Stanford University CS224n "Natural Language Processing with Deep Learning"
  Reference 2: Lukasz kaiser, Ofir Nachum (2017), "Learning to Remember Rare Events"

AWARDS & HONORS

- **Dean's List** 2017
College of Natural Sciences, SNU

- **National Scholarship for Science and Engineering** 2016 - 2017
Full Merit-Based Scholarship; Korea Student Aid Foundation (KOSAF)

- **Full Merit Scholarship** 2014 - 2015
Seoul National University (SNU)

- **36th National Undergraduate Mathematics Competition** Nov. 2017
Bronze Medal (Field 1: For mathematical majors)

- **15th SAS Analysis Championship** Aug. 2017
Top 13 teams; Hosted by SAS Korea
Topic: Personalized Video Content Recommendation Analysis based on Mobile Behavior

- **SCSC Academic Scholarship** 2017
Samsung Convergence Software Course

- **23rd Seoul Mathematical Olympiad** Jun. 2011
Awarded Grand prize (1st place)

Teaching Experience

Statistics, Seoul National University — Seoul, Republic of Korea
Teaching Assistant — *Mar. 2018 - Jun. 2018*

- 033.019 Statistics in Department of Statistics
- Ran office hours for over 80 students every week, answered questions in person and online, examined and marked assignments and exams

Calculus 1, Seoul National University — Seoul, Republic of Korea
Teaching Assistant — *Mar. 2017 - Jun. 2017*

- 033.016 Calculus 1 in Department of Mathematical Science
- Ran laboratories once a week and answered questions in person and online

Programming Skills

- **Primary**: R, Python, Java, SAS
- **Secondary**: C/C++, Matlab

Extracurricular Activities

Camp for Young Engineering Frontiers — Seoul, Republic of Korea
Seoul National University (SNU) — *2014 - 2016*

- Created academic and recreational programs as camp staff over the course of 5 consecutive camp sessions. Served as a life and academic mentor for a group of 5 high school students each session.

Seoul National University Engineers Magazine — Seoul, Republic of Korea
Seoul National University (SNU) — *2014 - 2016*

- Wrote articles related to mathematics and edited articles so that they can be catered to high school students
- Worked as an executive on 2015