

SORI BAEK

770-756-3369 | srbaek@princeton.edu | www.soribaek.com

EDUCATION

Princeton University

Princeton, NJ

Ph.D. Candidate in Psychology & Neuroscience (GPA: 3.96)

Aug. 2018 – Dec. 2022 (Expected)

- 2 Awards: National Science Foundation Graduate Research Fellow (2020), Princeton Centennial Fellow (2018)
- Conferred M.A. in Psychology (2020)

University of Minnesota

Minneapolis, MN

B.S. in Psychology, Minors in Statistics & Neuroscience (GPA: 3.94)

Sep. 2012 – May 2016

- 7 Awards: National Scholarship, National Merit Scholarship, Gold Scholarship, Edelstein Scholarship, 3 others
- Graduated with *Summa Cum Laude* with high distinction (Top 2% of the graduating class)

LEADERSHIP & TEAMWORK EXPERIENCE

President, Princeton University Graduate Consulting Club

Jun. 2020 – Present

- Lead a 70-member student organization, orchestrate 8 consulting seminars/workshops (300+ attendees total), and offer consulting skills to a number of firms
- Directly advise the CEO of an international education firm by leading a team of 5 student consultants on market mapping analyses and developing a market expansion strategy
- Establish consulting partnership with a biotech firm and staff two sub-projects with student consultants
- Strengthen relationships with Princeton Center for Career Development to develop and host joint workshops

Student Organizer, Princeton University

Dec. 2018 – Present

- Organize Five College Conference annually with representatives from 5 Ivy League colleges
- Facilitate events in the Dept. of Psychology by coordinating 50+ administrators, faculty, and students
- Share ideas in the Innovation Discovery Event 2019 as a panelist alongside entrepreneurs and investors

Social Chair, Princeton Graduate College

Jan. 2019 – Jan. 2020

- Chaired weekly networking events for graduate students and boosted event attendance by 400%
- Managed the events budget, decreasing the cost of the event per attendee by over 60%
- Developed a 3-step diversity strategy to foster inclusive events and drew participants from 15+ communities

RESEARCH EXPERIENCE

Graduate Researcher, Princeton Joint Degree Program

Sep. 2018 – Present

- Design and implement 7 experiments and analyses to investigate brain development, resulting in 2 first-author publications and 3 presentations at international conferences/workshops (500+ attendees) so far
- Synthesize 21 years of data trends and generate strategies to enhance data integrity (paper under review)
- Reengineer the data collection process to accommodate COVID-related changes and initiate 2 virtual experiments
- Collaborated on a machine-learning model of the brain and increased its accuracy by 20%
- Taught a Developmental Psychology course and received 4.5/5 rating (vs. department average of 4.1/5)

Project/Lab Manager, Stanford School of Medicine

Jul. 2016 – Jul. 2018

- Guided 16 lab members while conducting 200+ experiments on 50+ patients in a fast-paced hospital environment
- Restructured the data collection process and increased researchers' productivity by 3-fold
- Managed and pushed 3 previously-stagnant projects to completion, resulting in 3 publications
- Spearheaded the analyses of neural signals underlying math, resulting in a first-author publication
- Trained 3 junior research assistants and advised them on their first publication

PUBLICATIONS & PRESENTATIONS

6 Publications: *Nature Communications* (2020), *Nature Human Behaviour* (2020), *Progress in Brain Research* (2020), etc.

15 Presentations: 10 regional and international conferences (up to 40,000+ attendees) and 5 talks

SKILLS & INTERESTS

Data Analysis & Programs: AB testing, predictive analytics, statistical modeling, machine learning, MATLAB, R

Language: English (native), Korean (native)

Hobbies: Designing and selling 100+ t-shirts online; volunteering to teach K-12 students; event planning