SORI BAEK

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

EDUCATION

Princeton University   Princeton, NJ
Ph.D. Candidate in Psychology & Neuroscience (GPA: 3.96)   *Aug. 2018 – Jul. 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)

PROFESSIONAL & LEADERSHIP EXPERIENCE

President, Princeton University Graduate Consulting Club   Jun. 2020 – Present
- Lead a 70-member student organization, orchestrate 8 consulting seminars/workshops (350+ attendees total), and offer consulting skills to a number of firms
- Directly advise the Director of Global Operations of an international education firm. I lead a team of 5 consultants on surveys and market analyses and make recommendations on organizational changes to increase employee retention.
- Establish consulting partnership with local firms and staff projects with consultants
- Strengthen relationships with Princeton Center for Career Development to develop and host joint workshops
- Share ideas as a panelist in the Innovation Discovery Event along with 5 investors and entrepreneurs

Head Preceptor, Princeton Department of Psychology   Sep. 2019 – Present
- Manage a team of 6 teaching assistants and lead the largest Psychology course in Princeton (250+ students)
- Coordinate and facilitate communication between the instructor, teaching assistants, and students
- Teach and mentor undergraduate students (received 4.5/5 rating vs. department average of 4.1/5 last year)

Graduate Researcher, Princeton Joint Degree Program   Sep. 2018 – Present
- Design and implement 7 experiments and analyses to investigate brain development, resulting in 1 first-author publication, 3 papers under review, and 3 presentations at international conferences/workshops (500+ attendees)
- Synthesize 21 years of data trends and generate strategies to enhance data integrity
- Reengineer the data collection process to accommodate COVID-related changes and initiate 3 virtual experiments
- Collaborate on a machine-learning model of the brain and increase its accuracy by 20%
- Organize Five College Conference annually with representatives from 5 Ivy League colleges

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

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-pace 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