Yoonseo Zoh

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EDUCATION

- **Seoul National University** — Seoul, Korea
  BA, Double Major ; Psychology and Education — *Mar. 2013 – Feb. 2018*
  Summa cum laude ; GPA: 4.19 / 4.3 (97.9 / 100)
  ranked No.1 from the top among 14 students in dept

- **Boston College** — Chestnuthill, MA
  Exchange Student; GPA: 3.88 / 4.0 — *Aug. 2015 – May. 2016*

RESEARCH INTEREST

- **Social Neuroscience**:
  - **Social Decision Making & Moral cognition**: How people form a representation of others´ minds and how this latent structure in our mind motivates us to address uncertainty in social situation on how others will be affected by our decisions and behaviors and to weigh and compute self and others´ interest in making social decisions. How these considerations form the basis of socially acceptable behavior and moral judgement on our everyday social acts.

  - **Empathy**: What situational and relational factors can lead us to motives of connecting and engaging with others´ situations and emotions, and how these motives could drive us to shift our consideration and computation of self and others interests in making social decisions.

- **Methodology**:
  - Computational Modeling, Model-based fMRI, Multi Voxel Pattern Analysis, Machine learning, Brain stimulation methods(tDCS, TMS)

RESEARCH EXPERIENCE

Computational Clinical Science Lab (PI : Dr. Woo-Young Ahn) — Seoul National University

- *Lab Manager* — *Sep 2018 - Present*
  Full time Research Assistant — *Jan 2018 - Aug 2018*
  - Investigate how to predict people´s political orientation with machine learning technique, using fMRI-data on the tasks of theory of mind and empathy
  - Build a Python program for automating nipype workflow of fMRI data analysis
  - Add Kalman filter and Probability Weight Function to hBayesDM (R package for Bayesian hierarchical modeling)
  - Manage lab IRBs
  - Lead behavioral data collection
  - Manage undergraduate assistants
  - Recruit and screen subjects
  - Coordinate lab's events and budgets
  - Reviewed Frontiers manuscript
  - Created and maintain website for international conference on cognitive neuroscience
  - Gave presentations at lab meetings on papers of interest
  - Investigated the difference between sexual orientation in peer influence on making risky choices
  - Organized and led the study group for Bayesian statistics, R programming, Python Programming, and fMRI analysis with Python
  - Reviewed and proposed behavioral tasks to measure one's comparative valuation of social vs. monetary reward

Neurogazer (Director : Dr. Daeyeol lee) — Seoul, Korea

- *Part time Research Assistant* — *Jul 2018 - Present*
  - Assist behavioral and fMRI data acquisition

○ Inform and obtain written consent from research subjects

- **Social Psychology Lab (PI : Dr. Incheol Choi)**   Seoul National University
  Undergraduate Research Assistant   *Jan 2017 - Dec 2017*
  ○ Conducted research for senior thesis
    : *Licensing Effect of Moral Condemnation across Moral Domains*

    Designed questionnaire with Qualtrics and collected data through Amazon Mturk
  ○ Reviewed literature on licensing effect of recollecting past eudaimonic deeds
  ○ Coded open-end survey question responses
  ○ Attended weekly lab meetings and gave comments on lab's projects
  ○ Assisted behavioral and survey data acquisition

- **Undergraduate Research Competition for Future Education**   Seoul National University
  Undergraduate Research Assistant   *Sep 2014 - May 2015*
  ○ Gave poster presentation and won first prize in the competition
  ○ Collected survey data and analyzed them using SPSS
  ○ Designed and proposed career education system using social media platform

Honors and Awards

- **Graduation with honors (Summa cum laude)**   *Feb 2018*
- **First prize in Undergraduate Research Competition for Future Education Design**   *Feb 2015*
- **Superior Academic Performance undergraduate scholarship**   *Sep 2014*
- **Superior Academic Performance undergraduate scholarship**   *March 2014*

Teaching Experience

Hold Teacher's License in Education ; Certified by the Ministry of Education, Science and Technology of Korea

- **Solnamu Community Children's center**   Seoul, Korea
  Volunteer teacher ; motivated and helped learning of inner-city students   *Jul - Aug 2017*

- **Student Teacher at Sewha Girl's Middle school**   Seoul, Korea
  Career education teacher ; offered 18 hours of lessons and activities on the importance   *May 2017 - June 2017*
  of occupational values and how to plan the career path, practiced class management and
  student counseling

- **Student Teacher at SNU affiliated Elementary School**   Seoul, Korea
  Teacher aide ; assisted group activities, helped students who need extra instruction   *May 2017*

- **Kkulbaksa, Online Learning Support System by Seoul Office of Education**   Seoul, Korea
  Volunteer online study Mentor ; answered to the students' questions and gave comments on   *Sep 2016 - Nov 2016*
  students' discussions on social issues

Language Proficiency

Fluent in **English** *and Native in* **Korean**

- **New GRE**: Verbal (168, 98%), Quantitative (166, 90%), Writing(4.5, 82%)
- **IBT TOEFL**: 108, (Reading : 29, Listening : 30, Speaking : 24, Writing : 25)

SKILLS

- **Research Tools**:
  - **Python**: Nipype, Nilearn, Pandas, Numpy, Matplotlib
  - **R**: Rstan, ggplot2, dplyr, R markdown
  - **MATLAB**: SPM12
  - **Stan**
  - **LaTeX**
  - **SPSS**

- **Softwares**:
  - **Microsoft Office**: Powerpoint, Excel, Word
  - **Adobe Photoshop**
  - **Adobe Premier Pro**