

Jinil Kim

haba6030@snu.ac.kr | +82-10-5264-9444

Seoul, Korea | LinkedIn: [linkedin.com/in/jinilkimpotato/](https://www.linkedin.com/in/jinilkimpotato/) | GitHub: github.com/haba6030

EDUCATION

Seoul National University

B.A. in Linguistics and Psychology, B.S. in Computer Science

GPA: 4.17 / 4.3

Seoul, South Korea

Mar 2021 – Expected Feb 2027

The University of Hong Kong

Summer Research Program, Faculty of Education

Hong Kong SAR

Jun 2025 – Aug 2025

RESEARCH EXPERIENCE

Mental health, Internet, Neuroscience & Decision-making (MIND) Lab

University of Hong Kong

Undergraduate Researcher (Advisor: Prof. Yuan-Wei Yao)

Jun 2025 – Aug 2025

- Developed and implemented Bayesian and RL-diffusion decision models (RLDDM) to investigate emotion prediction error in social decision-making.
- Applied hierarchical Bayesian modeling and logistic mixed-effects regression to behavioral data under time pressure.

Computational Clinical Science Laboratory

Seoul National University

Undergraduate RA (Advisor: Dr. Woo-Young Ahn)

Apr – Jun 2025; Sep 2025 –

- Contributed to a multimodal project integrating EEG, behavioral, and app-based digital phenotype data for mental health risk modeling.
- Designed preprocessing pipelines and implemented Bayesian hierarchical models for individual differences.

POSTER PRESENTATIONS

- Kim, Jinil, Yao, Y. W. (Aug 2025). *Why Do Depressed Individuals Punish?: A Computational Investigation of Emotion Learning and Bias in Maladaptive Social Behavior*. Poster presented at the Summer Research Program Poster Session, University of Hong Kong.

COURSEWORK-BASED RESEARCH

Seminar for Experimental Psychology(Computational Modeling)

Seoul National University

Student (Advisor: Dr. Woo-Young Ahn)

Mar 2025 – Jun 2025

- Project: *Happiness Project: Modeling Affective Dynamics*
- Applied hierarchical Bayesian modeling to study how reward prediction error and affect interact over time.
- Compared MLE, individual-level Bayesian, and hierarchical Bayesian approaches for prediction.

Clinical Neuropsychology and Experiment

Seoul National University

Student (Advisor: Dr. JeanYung Chey)

Mar 2023 – Jun 2023

- Project: *How People Generate Narratives?*
- Theorized relationships between production and comprehension of narrative based on neural networks and brain regions by reviewing prior research.

Historical Comparative Linguistics

Seoul National University

Student (Advisor: Dr. SangChul Park)

Sep 2022 – Dec 2022

- Project: Development of Dependent Noun Termination Composition “Deut.”
- Compared contemporary and historic usage, revised its definition, and proposed a historical develop-

ment process.

Introduction to Experimental Psychology & Lab

Student (Advisor: Dr. JooYong Park)

Seoul National University

Sep 2022 – Dec 2022

- Project: *Effect of Practice Test Form on Essay Evaluation Results: Focusing on Open Books and Close Books.*
- Conducted an experiment to identify effective teaching methods for high-level cognitive comprehension.

Language & the Mind

Student (Advisor: Dr. SungEun Lee)

Seoul National University

Sep 2021 – Dec 2021

- Project: *Learning Effects of Neologism's Modulation Method — Focusing on EEG and Behavioral Response Experiments.*
- Measured N400 and P600 time/amplitude responses to neologisms from different modulation methods.

HONORS & AWARDS

Humanity 100 Years Undergraduate Scholarship

Amount: \$12,500 (17,000,000 KRW)

Korea Student Aid Foundation

Mar 2025 – Jul 2026

The University of Hong Kong Foundation for Educational Development and Research Scholarship

Amount: HKD 10,000

The University of Hong Kong

Jun 2025 – Aug 2025

Grand prize in SNU Liberal Arts Competition

Title: *Interdisciplinary exploration with chatbots*

Seoul National University

Jul 2023

Megastudy Student Achievement Scholarship

MegaStudy

Mar 2021 – Mar 2022

Superior Academic Performance scholarship

Seoul National University

Mar 2022; Sep 2022; Mar 2023

Encouragement prize in SNU Multidisciplinary Essay Contest

Apr 2022

COMPETITIONS

Cheonan City Data Analysis Idea Competition

Project: *Proposals on Infrastructure and Urban Development Policy for Youth in Cheonan City*

Korea

Jul 2024 – Aug 2024

Ambient AI Competition

Project: *Fashion Recommendation AI*

Seoul National University

Dec 2022 – Jan 2023

- Vectorized fashion dataset and extracted feature from image input by using VGG16 model. Finetuned MLP Model for recommendation

SKILLS

Statistical Modeling: Bayesian modeling, GLMM, RL, RLDDM, Logistic Mixed-Effects Regression

Programming: Python, R, C++, Java, Stan, MATLAB

Data Handling: EEG, behavioral, fMRI, app-based digital phenotype data

Linguistics: Praat

LANGUAGES

Korean (Native), English (Full Professional Proficiency), French (Beginner)