

PARK JUNYOUNG

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Interests

- Programming Languages
- Static Analysis
- Human Factors in Programming Languages

Education

03/2023- **Seoul National University**, Undergraduate, Linguistics.
GPA: 4.01/4.3
Expected Graduation: February 2028

Experiences

- 08/2024- **Programming Research Laboratory (ROPAS)**, Research intern.
- Static analysis augmented AI Python teaching assistant
Ongoing project
 - Modular analysis on a multi-staged language via shadow semantics
Ongoing project
 - Simple language extension for a typed lambda language (bloomwayz/mlang)
Distributed for an SNU course *Programming Languages*
- 02/2023
-08/2023 **Institute of Humanities, Social Sciences and Social Science Education**
at Korea National University of Education, Cheongju, Research assistant.
- Entered lexical entries for sinoxenic word database
- 05/2022
-10/2022 **Computational Semantics Laboratory**
at Korea University, Seoul, Research assistant.
- Generated three-sentence stories for Korean Story Cloze datasets

Other Projects

Hapticky: a haptic keyboard application for low-vision users (bloomwayz/hapticky).

Hapticky is an iOS haptic-augmented keyboard app. Each key has a distinguished haptic pattern so that low-vision users can enter the keyboard more easily. It is a final project for an SNU undergraduate course *Human-Computer Interaction*.

SuperSnake: a snake game variation with multi-stage system (bloomwayz/super-snake).

SuperSnake is a simple snake game which accelerates with each level, provided as a web application. Rescript React and Javalin server are used in this project. It is a final project for an SNU undergraduate course *Computer Programming*.

Teaching

spring 2025	Programming Languages (4190.310), Teaching Assistant. SNU.
spring 2025	Basic Computing (F37.101), Tutor. SNU. Received Outstanding Tutor Award
autumn 2024	Core Computing (L0444.000500), Tutor. SNU.
spring 2024	Core Computing (L0444.000500), Tutor. SNU.
summer 2023	Basic Computing (L0444.000400), Tutor. SNU.

Honours

02/2025	Jebong Min Byeong-uk Foundation Scholarship (full-tuition) Jebong Min Byeong-uk Foundation
09/2023 -02/2024	Professor Fund Scholarship College of Humanities, Seoul National University
08/2023	Ku Jaeseo Scholarship (half-tuition) Seoul National University Foundation

Natural Languages

- **Korean/한국어** (native)
- **English** (fluent)
- **Spanish/Español** (intermediate)
- **German/Deutsch** (elementary)