

Mingi Lee

(641) 510-8416 | mingilee98@gmail.com | github.com/mingilee98

Education

Bachelor of Arts in Computer Science / Statistic Concentration <i>Grinnell College</i>	Expected May 2023 <i>Grinnell, IA</i>
--	---

- Cumulative GPA 3.86 / 4.0; Major GPA 4.0 / 4.0
- *Selected coursework:* Analysis of Algorithms, Software Design and Development, Operating System & Parallel Algorithms, Data Science, Graph Theory

Specialized Skills

Technical: Java, R, C, HTML, CSS, Javascript, Scheme
Research:
Languages: English (fluent), Korean (fluent), Spanish (Basic Level)

Programming Projects

Reinforcement Learning Testbed, Java	April 2022
---	------------

- Developed a testbed for a reinforcement learning technique (hysteretic q-learning) to test different parameters and environments for two agents.

Anti Drowsiness HUD, Java	January 2022
----------------------------------	--------------

- Developed an Android App that prevents drowsiness with the watching-eye effect.

Graduate School Program Finder, R	December 2021
--	---------------

- Developed an interactive map to browse through graduate school programs by filtering a list of grad school programs by location, area of study, tuition, and other values.

Robot Obstacle Control, C	March 2020
----------------------------------	------------

- Developed a program that governs robot behavior so that it avoids obstacles and dance.

Word Frequency, Scheme	November 2017 - December 2017
-------------------------------	-------------------------------

- Developed a program that visualizes changes in the frequency of words over various parameters such as time, gender, or political party.

Professional Experience

Teaching Assistant <i>Grinnell College</i>	August 2021 ~ <i>Grinnell, Iowa</i>
--	--

- Helped students during classes and labs for Imperative Problem-Solving course and Software Design & Development course as a mentor.
- Held weekly mentor sessions with practice quizzes.

Translation and Software Engineering Intern <i>Genicle Corp</i>	May ~ July 2020 <i>Seoul, Korea</i>
---	--

- Translated documents from English to Korean.
- Built a web page for bioengineering company Genicle. (genicle.com)

Republic of Korea Army Sergeant <i>Republic of Korea Army</i>	June 2018 - January 2020 <i>Gapyeong, Korea</i>
---	--

- Arranged the reserve force training program as an Administrative Sergeant.
- Helped the reserve force training as an assistant instructor.