

Mingi Lee

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Education

Bachelor of Arts, Computer Science

Expected May 2023

Grinnell College

Grinnell, IA

- Cumulative GPA 3.85 / 4.0; Major GPA 4.0 / 4.0
- *Selected coursework:* Object-Oriented Problem Solving & Algorithm, Software Design and Development, Operating System & Parallel Algorithms, Data Science, Graph Theory

Specialized Skills

Technical: Java, R, C, HTML, CSS, Javascript, Scheme

Languages: English (fluent), Korean (fluent), Spanish (Basic Level)

Programming Projects

[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.

[Exponentiation](#), Java

October 2020

- Developed a program that calculates exponentiation values efficiently by finding the shortest path in a directed graph of exponents.

[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

August 2021 ~

Grinnell College

Grinnell, Iowa

- Helped students during classes 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

May ~ July 2020

Genicle Corp

Seoul, Korea

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

Republic of Korea Army Sergeant

June 2018 - January 2020

Republic of Korea Army

Gapyeong, Korea

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