Mingi Lee

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Education

Bachelor of Arts, Computer Science   **Expected May 2023**

Grinnell College   *Grinnell, IA*

- Cumulative GPA 3.86 / 4.0; Major GPA 4.0 / 4.0
- *Selected coursework:* Algorithms and Object-Oriented Design, Data Science, Software Design and Development, Operating System and Parallel Algorithms, Discrete Structures

Specialized Skills

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

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

Programming Projects

Graduate School Program Finder, R   December 2021

- Developed an interactive map to browse through graduate school program by filtering a list of grad school programs by location, area of study, length, 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.

The Sieve of Eratosthenes, Java   September 2020

- Developed a program computes prime numbers using the sieve of Eratosthenes algorithm

Tech Support Ticket Tracker, C   May 2020

- Developed an issue tracking program using linked list and dynamic memory allocation.

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

Software Engineering and Translation Intern   June 2020

Genicle Corp   Seoul, Korea

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

Teaching Assistant   August 2021 - December 2021

Grinnell College   Grinnell, Iowa

- Helped students during classes and labs for Imperative Problem Solving course.
- Held weekly mentor sessions with practice quizzes.