Yosup Cheon

Computer Science Student at SFU

Website: https://yosupcheon.github.io/
GitHub: https://github.com/yosupCheon

Skills

Technical Skills

- **Languages**: Python, C/C++, Java, HTML/CSS/JavaScript
- **Tools**: Git/GitHub/GitLab, Ubuntu Linux, Visual Studio Code, Maven, Apache NetBeans

Transferrable Skills

- Self-motivated and eager to learn new concepts and knowledge
- Communication skills through a group project with teammates
- Proficient at identifying and prioritizing the importance of tasks

Technical Experience

Personalized Website **Mar 2022 - Present**

Website URL: https://yosupcheon.github.io/

- Built a personalized website with HTML and CSS to understand the website structure
- Deployed the webpage through GitHub Pages to deliver information to the internet
- Implemented a number guessing program to acquire JavaScript programming skills

Maze Game **Sept – Dec 2021**

Introduction to Software Engineering (CMPT 276), SFU

- Created a 2D-style maze game in Java to implement the required features of a project
- Planned the project by UML class diagram to link the interaction between features
- Collaborated as a group of four by dividing works, completing a project before the due date
- Conducted unit and integration tests by segmenting individual features to diminish errors
- Refactored codes by reviewing the completed implementation to enhance the readability

Hash Table **May – Aug 2021**

Data Structures and Programming (CMPT 225), SFU

- Built a Hash Table using C++ to understand the functionality of Hash Table data structure
- Implemented a double hashing model to attain faster insertion and search methods
- Converted a string value to a unique key using Horner's method to avoid integer overflow
- Applied the Hash Table to manage the list of 1000 words without any errors

The Travelling Salesperson Problem (TSP) **Sept – Dec 2020**

Introduction to Computing Science and Programming 2 (CMPT 125), SFU

- Created a class for TSP in C++ to find one of the short paths
- Coded a heuristic algorithm by calculating the closest node to enhance the efficiency
- Used a queue data structure to store and retrieve the sequence of nodes

Education

Simon Fraser University – Burnaby, BC

- Bachelor of Science in Computing Science **Expected Graduation: Dec 2023**