

# Yosup Cheon

Computer Science Student at SFU

Website: <https://yosupcheon.github.io/>

GitHub: <https://github.com/yosupCheon>

## Skills

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### Technical Skills

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

### Transferrable Skills

- Competent at communication with teammates by experiencing a group project
- Self-motivated and eager to learn new concepts and knowledge
- Proficient at identifying and prioritizing the importance of tasks

## Technical Experience

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### Website

Mar 2022 - Present

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

- Created a personalized webpage using HTML and CSS
- Deployed the webpage by using GitHub Pages
- Combined a number guessing program in JavaScript to the website
- Learned the basic syntax of HTML, CSS, and JavaScript from Full-Stack Engineer course at Codecademy

### Maze Game

Sept – Dec 2021

Introduction to Software Engineering (CMPT 276), SFU

- Created a 2D-style maze game using Java and Java Swing
- Planned the project by constructing a UML class diagram with LucidChart
- Led the project as a group of four to divide and assign features
- Conducted unit tests with JUnit5 to test individual features
- Refactored codes to enhance the readability of the codes

### Hash Table

May – Aug 2021

Data Structures and Programming (CMPT 225), SFU

- Built a Hash Table with objective-oriented programming in C++
- Implemented a double hashing model to attain faster insertion and search methods
- Converted a string value to a unique integer key using Horner's to avoid integer overflow
- Inserted and retrieved the list of 1000 words using the Hash Table without any errors

### The Travelling Salesperson Problem (TSP)

Sept – Dec 2020

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

- Built a class for TSP using C++ to find one of the short paths
- Coded a heuristic algorithm to find an optimal path to enhance efficiency
- Used a queue data structure to store and retrieve the sequence of nodes

## Education

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### Simon Fraser University – Burnaby, BC

- Bachelor of Science in Computing Science

Expected Graduation: Dec 2023