Yosup Cheon

Computer Science Student at SFU

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Skills Summary

Technical Skills

- **Languages**: Python, C/C++, Java, HTML/CSS/JavaScript, SQL
- **Tools**: Git/GitHub/GitLab, Ubuntu, Visual Studio Code, Jupyter Notebook

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

Video Rental Store   **Mar – April 2022**

Database Systems 1 (CMPT 354), SFU

- Devised a video rental service that kept track of the customers' information and rental state
- Established a relational database through Azure SQL
- Connected DBMS through ODBC driver by using the pyodbc module to manage data
- Used SQL query to obtain the values from the database to display the result on the web

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

Education

Simon Fraser University – Burnaby, BC

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