YOSUP CHEON

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EDUCATION

BSc in Computing Science, Simon Fraser University May 2019 – Dec 2023 (Expected)

- **Relevant Courses:** Data Structures and Programming (used C++), Data Structures and Algorithms, Database Systems I, Introduction to Software Engineering, Operating Systems (Now/using C), Networking (Now)

SKILLS

Languages: Python, C/C++, Java, HTML/CSS/JavaScript, SQL

Other: Git/GitHub/GitLab, Ubuntu Linux, Visual Studio Code

Soft Skills: Self-motivated, Eager to learn, Communication, Problem Solving, Prioritizing

TECHNICAL PROJECTS

To-Do-List | https://github.com/yosupCheon/To-Do-List June – July 2022

- Devised a desktop app by using Electron open source software that manages one's to-do list
- Used the Node JS file system and Inter-Process Communication to save and load the items of the list from a local text file

Lets-talk | C, threads, UDP, Socket June – July 2022

- Created a chatting program that two user can communicate through UDP socket
- Implemented a serverless model by creating four threads for message input, transmission, reception, and output

Video Rental Store | SQLite, Azure SQL Database, Python, Flask March – April 2022

- Developed a video rental service by using DBMS and Azure SQL Database to manage customers' information, rental plan, and rental state
- Established a relational database to manage the data in the form of a table

Maze Game | Java Sept – Dec 2021

- Coded a 2D-style maze game by using Java that a user can interact with the keyboard
- Collaborated as a group of four to implement and refactor the individual features, completing the project efficiently and accurately

Hash Table | C++ May – Aug 2021

- 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