KARMAN SIDHU

Surrey, BC
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SKILLS

Programming Languages: C/C++, SQL, HTML, JavaScript, css
Operating systems: Windows, Linux
Software: Visual Studio, Microsoft Office, Latex
General: Fluent in Punjabi, fast learner, adaptable

TECHNICAL PROJECT EXPERIENCE

Jinglenet   https://github.com/ks706/Jinglenet

Data structures and Programming(CMPT 225), SFU
May-August 2023

- Developed an announcement system that processes a sequence of commands and outputs them in the proper order to a text file
- Implemented using a linked list priority queue to familiarize myself with priority queues
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Wordlist   https://github.com/ks706/Wordlist

Data structures and Programming(CMPT 225), SFU
May-August 2023

- Developed a file reading program that takes a text file and counts how many times each word appears in the file
- Implemented using an AVL tree to familiarize myself with AVL trees
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TECHNICAL PROJECT EXPERIENCE CONTINUED

Dot Product   https://github.com/ks706/DotProduct

Introduction to Computer Systems(CMPT 295), SFU
May-August 2023

- Tested speed of dot product function on arrays of various return types to compare the speed of functions written in assembly to functions written in C
- Implemented SIMD instructions in assembly and the Vectorclass in C++ to familiarize myself with vectors

PERSONAL PROJECTS

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VOLUNTEER EXPERIENCE

Surrey Crime Prevention Society
November 2019 - December 2020

- Community Watch

EDUCATION

Simon Fraser University   September 2021-Current
- Bachelor of Computing Science