

JISHAN SHARIF

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SKILLS

- Interested in backend development, systems design, algorithms and software engineering
- Worked with Go, Python, Haskell, Java, C, C++, JavaScript, HTML/CSS, Bash, Git

EDUCATION

McMaster University

Sept '19 – Present

Faculty of Engineering in Honours Computer Science (with Distinction)

- Courses:
- Computer Science Practice and Experience
- Introduction to Computational Thinking

PERSONAL PROJECTS

stack-calc

git.io/JvWB Y

- Built an interactive, stack-based postfix calculator allowing users to perform any math operation
- Supported arbitrarily nested, VM-like computations by using a stack for the computation engine

weather-station

git.io/JvWBO

- Designed a program to report current and future weather forecast based on location
- Leveraged the OpenWeather REST API to provide weather data

word-counter

git.io/JvWB3

- Built a command-line utility to report words in the order of frequency for a given file
- Used arrays and hash-maps to efficiently store and compute results for large files

todo-list

git.io/JvWBZ

- Authored a task-management application to show outstanding tasks, deadlines, and priorities

lissajous

git.io/JvWBG

- Generated lissajous curves GIFs by stitching together several generated parametric curve plots

universal-translator

- Authored a language translation module to efficiently translate text from one language to another
- Used dictionaries to translate individual words and phrases before stringing them together again

checksummer

- Constructed a lightweight data integrity tool to verify if the file contents are uncorrupted

EXTRA CURRICULARS

Al Noor Training Center

Dubai, UAE

- Volunteered at fundraisers to help provide services for children with special needs

St. Mary's Catholic High

Dubai, UAE

- Actively volunteered for community service helping special need students

Personal Tutor

Dubai, UAE

- Taught GCE Advanced Physics and Applied Mathematics to multiple students