

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-calculator [git.io/JvWBY](https://github.com/JvWBY/stack-calculator)

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](https://github.com/JvWBO/weather-station)

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](https://github.com/JvWB3/word-counter)

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](https://github.com/JvWBZ/todo-list)

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

lissajous [git.io/JvWBG](https://github.com/JvWBG/lissajous)

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 2019

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

St. Mary's Catholic High Dubai, UAE 2017 – 2019

Actively volunteered for community service helping special need students

Personal Tutor Dubai, UAE 2017 – 2019

Taught GCE Advanced Physics and Applied Mathematics to multiple students