

JISHAN SHARIF

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SKILLS

- Interested in backend development, systems design, algorithms and software engineering
- Worked with Python, Haskell, Java, C, C++, React, Bash, Git, Node, Ruby, NASM, RISC V

EDUCATION

McMaster University

Sept '19 – Present

Faculty of Engineering in Honours Computer Science (with Distinction)

EXPERIENCE

Medsender

San Francisco, CA

Software Engineering Intern

May – Sept '20

- Built key features of the healthcare app such as document editing, e-signatures and more
- Added the ability to save documents and share data throughout the app meeting HIPPA standards
- Led development of document editing and e-signatures - now a core-feature of the application
- Added support for filter and search over documents and resetting user passwords
- Expanded the testing suite of Medsender to have an over 95% code coverage

Clienttable

Mississauga, ON

Full Stack Software Engineer

Sept – Dec '20

- Added support for website customization, organization management and document sharing
- Improved the clienttable UI by allowing users to view and edit their personal information
- Added functionality to view shared documents and a list of clients within the organization

PERSONAL PROJECTS

whitted-ray-tracer

git.io/JtfBS

- Generate virtual images by following a path from the light to the camera.
- Simulate effects such as caustics or reflection of light from other surfaces in the scene.

stack-calc

git.io/JvWBY

- 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

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