

## Jayed Rafi

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Winnipeg, Manitoba. Canada

### Industry Experience

#### ALOA LABS LLC

Nashville, Tennessee. USA

#### Software Engineer – Internship

June – August 2022

Responsibilities require work with the engineering team to fulfill companies' internal and external demand. Automation; development of cloud based software to automate and improve project performance. Collaborate with research to use new methodologies e.g. machine learning.

#### GOVERNMENT OF MANITOBA

Winnipeg, Manitoba. CA

#### PIT Web Developer - STA

June 2021 - Present

Support two departments in the continued development of their respective intranet and internet platform, supporting the web team in terms of development, transition and automation. Also responsible to make and implement site structure/organization recommendations and deliver technology toolset improvement with a view to audiences served.

### Skills

**Analytical:** Algorithm analysis, data structure, optimization, object oriented programming, statistical data analysis and data visualization, automation and machine learning, interface development (cloud & desktop), cryptography, digital circuit diagram.

**Language and tools:** Java, Swing, Junit, JavaScript, Node.js, C++, C, Assembly Language (LC3), HTML, CSS, Bootstrap, Processing, Linux, UNIX, CMS (SharePoint, WP).

### Education

#### UNIVERSITY OF MANITOBA

Winnipeg, Manitoba. CA

#### Bachelor of Science, Computer Science – Specialized in Software Engineering

January 2020 – Present

### Extra Curricular Experience

#### Website Manager – University of Manitoba International Students' Organization

June 2021 – April 2022

#### Web Developer – Science FUNdamentals Foundation of Alberta

August 2021 – December 2021

#### Peer Mentor – University of Manitoba

August 2020 – December 2020

### Recent personal projects

[Graph Interface](#) – Statistical analysis tool helps to visualize and process large datasets.

[Data Visualization Software](#) – A multi device (web & desktop) software for data analysis and visualization using my algorithm.

[Static.css](#) – Quick front-end design library for organizations to make single page web documentation within 10 mins.

### Open research and development platform

#### [MEGALODON 2202](#)

March 2022 – Present

Created a non-profit platform to solve problems using computational methods. Most recent work involves development of internal tools and a research project involves data analysis and machine learning.

### Membership & Affiliations

#### INSTITUTE OF ELECTRICAL & ELECTRONIC ENGINEERS (IEEE)

2022 - Present

#### IEEE Computer Society