Jayed Rafi

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Industry Experience

Junior Web Developer (STEP) - Government of Manitoba   Manitoba, CA | June 2021 – April 2022

Worked as a part of web development team to build various backend, frontend and security tools for multiple units. Most of the products I've done are related with data security, visualization, API, dynamic transformation, search engine & user interface.

Skills

Analytical: Data structure, algorithm analysis, optimization, object oriented programming, statistical data analysis & visualization, back-end & front-end development, system security, circuit diagram.

Language & tools: Assembly language, Java, Swing, JavaScript, C, C++, HTML, CSS, Bootstrap, Processing, Linux, UNIX, CMS (WordPress / SharePoint), Vim, VS code, IntelliJ IDEA, C lion, Dreamweaver, LC3.

Education

University of Manitoba   Manitoba, CA | January 2020 - Present

Bachelor of Science, Computer Science – Specialized in Software Engineering

Other Activities

Website Manager   Manitoba, CA | May –Dec 2021

University of Manitoba International Students Organization

Web Developer   Alberta, CA | Aug –Dec 2021

Science FUNdamentals Foundation of Alberta

Peer Mentor   Manitoba, CA | May –Dec 2021

University of Manitoba

Recent Personal Projects

Graph Interface < https://graph-interface.netlify.app/ >

A graph simulation software built using Java and Java Swing. It takes simplified version of data from the user and process the information using its built-in calculation and value compression algorithm. This software helps to process a huge chunk of information set in a simplified way by showing graphical & basic statistical information.

Static.css < https://jayedrafi.com/static-css/ >

This project is a simple but very useful library for any one wants to build their web pages / web doc in 10 minutes. It is a light non-dependent CSS library with all essential tags & display capability.

Chart Me & Data Visualization Software < https://jayedrafi.com/chart-me/ >

This project is a combination of two different projects including a web (JavaScript) & a desktop (Java) version. The web version allows anyone with an internet connection to visualize their data in 6 different ways and the desktop version is a Java application which only visualizes numeric data in 2 different formats using its own value compression algorithm.