






# Jayed Rafi

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## Skills

**Analytical:** Data Structure & Algorithm, Algorithm Analysis, Object Oriented Programing, test / debug, security, Data analysis & visualization, cloud & desktop software development.

**Programming tools & technologies:** Java, JavaScript, C, C++, HTML/CSS, Processing, Unix, Linux, Visual Studio, IntelliJ IDEA, Dreamweaver, CMS (SharePoint, WordPress).

**Design:** SketchUp (Archit. drawing), Autodesk Tinker CAD (3D model).

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## Industry experience

### Government of Manitoba

Web Developer (Intern)

Manitoba, CA | June 2021 – Present

- Project highlights: Intranet, internet, departmental search engine, API, data visualization, security.
  - Platform & tools: CSS, C, HTML, Java, JavaScript, Linux.
  - Number of projects accomplished: 4.
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## Education

### University of Manitoba

Manitoba, CA | January 2020 – Present

Bachelor of Science, Computer Science – Specialized in Software Engineering

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## Other Activities

### Website Manager

Manitoba, CA | Session 2021-22

University of Manitoba International Students' Organization

### Web Developer

Alberta, CA | August 2021 – December 2021

Science FUNdamentals Foundation of Alberta

### Peer Mentor

Manitoba, CA | January 2021 – April 2021

University of Manitoba International Center

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## Recent Personal Project

### Graph Interface – Statistical Analysis Software

Feb 2022

- A software capable of both visualizing statistical data (using my value compression algorithm) and basic textual analytics. It is made as an open source to easily modify according to the requirements.
- Programming tools: [Java, Swing, Junit] & [HTML, CSS, JS]

### Chart Me - Data Visualization Web Application

Nov 2021

- A web application capable of visualizing any form of data into variety range of statistical data visualization format.
- Programming tools: JavaScript, Chart.js, HTML, CSS

### Data Visualization Software – Best for lab use

Aug 2021

- This software uses my range calculation algorithm and converts n-arrays of data into graphical panel. Its best suited for research and extra feature; user can download the report.
- Programming tools: Java, StdDraw

**My all projects (work/personal) are linked with my [ [portfolio>Project Archive](#) ] section.**