

Jayed Rafi

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WORK EXPERIENCE

PIT Web Developer (STEP)

May 2021 - Present

Government of Manitoba. Winnipeg, Manitoba.

- Support two department in their continued development of their internet and intranet platforms.
- Designed and implemented an interactive organizational structure web application, which shows real-time information from the central API using JavaScript.
- Developed automation tools to organize and visualize data using JavaScript, Java and jQuery library.
- Designed web interfaces for departmental web-applications using React framework, CSS and Bootstrap.

Software Engineer (Intern)

June 2022 – September 2022

Aloa LLC. Irvin, Texas, USA.

- Worked with the development team on the first version of a project management software.
- Added new metrics to the system with Typescript to get detailed and accurate evaluation.
- Optimized the processing time for several metrics by improving algorithms efficiency.
- Created tests for the data processing layer with Unit test to verify the information processing behaviour.

EDUCATION

Bachelor of Science, Computer Science

January 2020 – April 2024

University of Manitoba. Winnipeg, Manitoba

TECHNICAL

Programming languages and Frameworks: Java, C++, C, JavaScript, Typescript, Assembly, Swing, HTML, CSS, Bootstrap, SQL, React, jQuery, Processing, Python.

Software and Tools: Git, AWS, Docker, Android Studio, Vim, VS Code, IntelliJ, Dreamweaver.

RECENT PROJECT

QAnalyze: Modular data analysis and prediction language using Java and focused on efficient algorithms.

Chart Me: Multi interface visualization software based on desktop and web interface made with Java & JS.

ACTIVITIES & COMMUNITIES

Website Manager University of Manitoba International Students Organization

May 2021 – April 2022

Web Developer Science FUNdamentals Foundation of Alberta

September 2021 – December 2021