

Logan Doran

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EDUCATION:

University of Manitoba

Bachelor of Science, Major in Computer Science, Minor in Music

Winnipeg, MB

May 2024

Key Courses: Software Engineering, Object Orientation, Analysis of Algorithms, Data Structures and Algorithms, Operating Systems.

TECHNICAL SKILLS:

Java, C#, HTML, R, TypeScript, React, .Net, Bootstrap, jQuery, Git, Azure DevOps

EXPERIENCE:

*Beckman Coulter Diagnostics: **Software Engineer I*** | Chaska, MN | August 2024 - present

*University of Manitoba, Faculty of Science: **Teaching Assistant*** | Winnipeg, MB | January 2024 – Present

- Managed group presentations and quizzes for 50 undergraduate Computer Science students, providing detailed feedback and suggestions for improvement.
- Oversaw student attendance, addressed grade concerns, and answered general inquiries to maintain a conducive learning environment.

*Beckman Coulter Diagnostics: **Software Engineering Intern*** | Remote | June – August 2023

- Collaborated in an agile team to develop new features for a web-based application using C#, .NET, and JavaScript, contributing to enhanced functionality and user experience.
- Performed thorough testing and debugging to ensure optimal performance of the application, demonstrating proficiency in unit testing and integration testing for quality assurance.
- Sought feedback from mentors to continuously improve C# skills and expand technical knowledge, delivering high-quality solutions for the project.
- Conducted thorough testing and debugging of code to ensure optimal performance and user experience.
- **Tech Stack:** C#, JavaScript, ASP.NET, React.js, Visual Studio, Git, Azure DevOps, HTML/CSS, Unit Testing, Integration Testing.

*Youth for Understanding - Estonia: **Technology Intern*** | Tallinn, Estonia | June – December 2022

- Streamlined data imports and exports on an internal database using SQL to improve efficiency and organization.
- Developed and implemented automated solutions for annual statistic calculations.
- Improved content management efficiency and organization, showcasing strong problem-solving abilities and attention to detail.

PROJECTS:

Canadian Grain Commission Data Visualization Tool | Team of 4

- Automated a time-consuming task by creating a tool that generates maps from user-uploaded data, significantly improving efficiency.
- Implemented features such as data upload, color customization, and choropleth mapping using React, Leaflet, and TypeScript.
- Led full-stack development efforts, enhancing user experience and analytical capabilities.
- Utilized TypeScript, React, Leaflet, GitHub, HTML/CSS, and Hoppscotch to develop and deploy the project.