

EDUCATION

University of Manitoba - Bachelor of Science in Computer Science

Sep. 2019 – Jun 2024

Dean's Honours List: 2019 and 2020

Undergraduate Student Academic Scholarship: 2020, 2021 and 2022

CERTIFICATIONS

Amazon Web Services Cloud Practitioner – AWS [🔗](#)

Full Stack Web Development BootCamp – Udemy [🔗](#)

PERSONAL PROJECTS: (LINK OF THESE PROJECTS AND MANY MORE ON GITHUB)

SnackStats Chrome Extension | *JavaScript, Next.js, TypeScript, Tailwind CSS, Chart.js, Radix UI* [🔗](#)

Spring 2024

- Developed a **Chrome extension** to extract order history data from UberEats, SkipTheDishes, and DoorDash, then visualize comprehensive spending statistics on a custom **Next.js** 14 website using **Chart.js** and **Radix UI**.
- Created interactive dashboards showcasing total spending, favorite restaurants, annual/monthly breakdowns, and unique insights through pie charts, bar graphs, and line graphs, providing users with meaningful food ordering patterns and trends.

ScreenScan Chrome Extension | *JavaScript, HTML, CSS, Chrome APIs* [🔗](#)

Winter 2024

- Created and deployed a **Chrome extension** that enables users to capture any screen area and search it on Google Lens, facilitating **real users** to easily analyze static and dynamic content with a simplified search process.
- Designed to adapt seamlessly to different zoom levels and screen resolutions, prioritizing user privacy and functionality without storing personal data.

Automation of Incoming Mails Handling | *JavaScript, Python*

Summer 2024

- Automated the process of uploading scanned documents to OpenText using DOM manipulation, significantly reducing upload time from 15-20 minutes to just 2 seconds for an average of 40 return mails.
- Designed and implemented a bookmarklet that automatically populates the policy number, document type, document subtype, and document name, eliminating the potential for human error.
- Created an additional program using Python to generate JIRA tickets from incoming mails by automatically sending the scanned documents and creating tickets, further enhancing workflow automation.
- Developed this solution for the Shared Services team at **Wawanesa**, ensuring all team members could utilize the program daily for increased efficiency.

Automated Address Change Requests | *JavaScript, Python, JIRA*

Summer 2024

- Developed a program for my team at Wawanesa that automates the address change process using JIRA, significantly reducing manual effort and increasing efficiency.
- Automated the creation of JIRA tickets with updated addresses, reducing task time from 2-3 minutes to 1.5 seconds.
- Implemented a feature to draft and send emails to servicing agents/brokers, members, or payors automatically if a new address is not received, cutting down the email writing time from 5-6 minutes to 1-2 seconds.

JIRA Report Generator | *JavaScript*

Summer 2024

- Developed another automated reporting tool for my team at **Wawanesa** that integrates with JIRA to gather data from multiple folders, perform calculations, and generate comprehensive reports.
- Automated the extraction and analysis of incoming mail data, significantly reducing the time required for manual report generation and improving accuracy.
- Provided detailed reports highlighting the number of policies requiring attention and other key metrics, aiding in efficient decision-making and workload management.

Portfolio Website | *TypeScript, Next.js, Tailwind CSS, Next UI, Framer Motion* [🔗](#)

Summer 2024

- Developed a personal portfolio website to showcase projects and skills, utilizing **Next.js** and **TypeScript** for a robust and maintainable codebase.
- Designed a responsive and visually appealing layout with **Tailwind CSS** and **Next UI**, ensuring a seamless user experience across devices.
- Implemented interactive animations using **Framer Motion** to enhance user engagement and create a dynamic browsing experience.
- Integrated a contact form to allow users to send messages directly through the website, facilitating easy communication with potential employers and collaborators.

WORK EXPERIENCE

Wawanesa Insurance

Administrative Assistant

Feb 2023 - Present

Winnipeg, MB

- * Managed daily policy records and coordinated mail for 25 employees, and ensuring accuracy in policy documentation.
- * Supported over 400 policyholders monthly with a 95% satisfaction rate, processing payments and inquiries while effectively using JIRA to prioritize and manage tasks.
- * Handled all incoming mails for Wawanesa Life, ensuring timely and accurate processing, updating policies, and addressing policyholder questions and concerns.
- * Performed various administrative tasks, including contacting team members, updating policies, and supporting team operations, contributing to overall efficiency and effectiveness.

Manitoba Government

Data Analyst Internship

Apr 2023 - Sept 2023

Winnipeg, MB

- * Enhanced Winnipeg's school dataset accuracy by 95% through data cleansing and conversion to a new XSD schema, maintaining compliance with educational data standards.
- * Improved data processing efficiency and reliability by 30% using Python, Visual Studio Code, and MS SQL Server for dataset integration and analysis.
- * Increased data analysis proficiency by 40%, focusing on accurate and actionable public sector data analysis through continuous learning.
- * Collaborated with team members to identify and resolve data discrepancies, contributing to more accurate and reliable datasets for decision-making.

University of Manitoba

Undergraduate Research Assistant

Jan 2022 - Sept 2022

Winnipeg, MB

- * Developed a new theorem in computational mathematics to approximate orthogonal polynomial values, utilizing Python and Cocalc for data analysis.
- * Enhanced research reproducibility by documenting findings and algorithms, and delivered a professional presentation at an academic conference highlighting theorem applications.
- * Collaborated with faculty and fellow researchers to refine computational models, contributing to the advancement of theoretical mathematics.
- * Conducted extensive literature reviews to support the research project, ensuring the application of the latest methodologies and theories.

VOLUNTEER WORK

University of Manitoba – International Student Orientation Ambassador

2020, 2021