

Tirth Chaudhary

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Education

Bachelor of Science (B.Sc.) - Computer Science

2022 - Present

University of Manitoba, Winnipeg MB

Skills

Programming & Mark-up: Python, Java, C, C++, JavaScript, HTML, CSS, LC-3 Assembly, R

Web / CMS: Drupal, WordPress, Microsoft SharePoint, UM Banner, website design & content updates

Tools: Git, GitHub, Unix, R Markdown, Microsoft 365, Figma, WaitWell, Slate, VSC, RStudio, L^AT_EX, Power BI

Business & Events: Project management, Event coordination, Sales & customer service

Soft Skills: Leadership, Communication, Problem-solving, Attention to detail, Self-motivation

Work Experience

Digital Communication & Website Assistant

Dec 2024 – Present

Assessment, Communications and Outreach, University of Manitoba

Winnipeg, MB

- Maintain and update 20+ Student Affairs websites and SharePoint hubs, ensuring WCAG compliance and brand consistency
- Run digital campaigns: schedule news, email blasts, and social posts for the SEaS marketing plan; publish responsive graphics, videos, and PDFs in alongside the Design team.
- Co-plan flagship events (Career Fairs, Career Month, Orientation) for 29K+ students - managing logistics, timelines, and a 40+ person volunteer crew.
- Report results: track web and event data and then turn findings into clear summaries for students, employers, and senior staff.
- Build new pages, forms, and digital resources; deliver UX-driven recommendations to improve navigation and student experience.

Student Office Assistant

May 2022 – Present

First Year Centre (FYC) & Virtual Advising Help Centre (VAHC)

Winnipeg, MB

University of Manitoba

- Developed [Transit Eligibility Checker](#) [🔗](#), reducing manual review time.
- Provide multi-channel support (chat, phone, email, video) to first-year and transfer students.
- Guide students through course selection and registration, ensuring alignment with degree requirements.
- Track and analyze inquiry data to identify service gaps and recommend improvements.
- Set up a registration platform for orientation events & appointment booking system for Advising offices in WaitWell; design promotional assets in Figma and Canva.

Student Admissions Assistant

Oct 2023 – Dec 2024

Admissions Office, University of Manitoba

Winnipeg, MB

- Conducted data entry for student applications and academic records with high accuracy.
- Processed and verified grade entries, ensuring the integrity of the official records.
- Maintained confidentiality and compliance with university policies and privacy standards.

Sales Associate

Sep 2022 – Sep 2023

Canadian Tire

Winnipeg, MB

- Delivered friendly, knowledgeable customer service by assisting with product inquiries and locating merchandise.
- Maintained up-to-date knowledge of promotions and store inventory to enhance customer experience.
- Organized shelves and displays to ensure a visually appealing and sales-driven environment.

Projects

Transit Eligibility Checker for University-1

Jan 2025 – March 2025

React.js, Tailwind CSS, lucide-react, Next.js

Personal Project

- Built a responsive React-based tool that checks transit eligibility using the implemented transit rules and displaying progress via a dynamic Tailwind CSS progress bar.
- Implemented AGPA logic for Fall 2021+ terms, showing real-time success or error messages based on credit and grade thresholds.
- Added a print-friendly output with the 'Print / Save PDF' feature and styled results for seamless distribution to academic advisors.

Peer-to-Peer Vote Application

Jan 2025 – March 2025

React.js, MongoDB, Express.js, Jest, Postman

Personal Project

- A full-stack “Vote App” with the MERN stack that lets users create, share, and manage polls, while guests can vote and view real-time results displayed with Chart.js.
- Implemented secure JWT authentication, role-aware Express, MongoDB, REST APIs, and password hashing with bcrypt to safeguard user data.
- Designed a responsive React front end with Redux state management and environment-driven configuration for seamless local development and cloud deployment.
- Used a test-driven approach by writing unit and integration using Jest and debugged the back-end API with Postman to build a robust and bug-free application.

Volunteer & Leadership Experience

Science Students' Association (SSA) - International Student Representative

May 2025 – May 2026

- Advocate for the interests of international science students at SSA Council and with the UMSU community rep, ensuring their concerns and priorities inform council decisions.
- Plan and execute community-focused events, info sessions, and scholarship outreach in coordination with other SSA representatives—handling logistics, promotion, and award distribution.

Programming Projects Club (UMPPC) - Promotions Lead

May 2025 – May 2026

- Plan and run promotions to boost club visibility and attendance, manage social media marketing, and create engaging content with the team.

Artificial Intelligence Club (UMAI) - Promotions Lead

May 2025 – May 2026

- Lead marketing campaigns and promotional initiatives that grow club membership and boost event attendance.

Global News Winnipeg - Spokesperson

Sep 2024

[link](#) 

TV segment “Tremendous Excitement: U of M Ready for Orientation”

- Featured spokesperson in Global News Winnipeg’s TV segment, where I highlighted the importance of orientation resources, campus involvement, and community support for new and international students.

UMFM “The Learning Curve” radio show - Panelist

Sep 2024

[link](#) 

First Year Orientation Panel of Students

- Volunteered for the UMFM Radio show “The Learning Curve” where I discuss my experiences navigating the halls of U of M and my initial expectations and concerns.

UM International Student Experience video - Featured speaker

May 2023

[link](#) 

- Featured in a University of Manitoba promotional video, sharing my international student journey and highlighting campus involvement, leadership, and UM’s inclusive community.

Orientation Volunteer

2022 - 2025

Welcome day, International Student Orientation, Open house, prep week videos

- Volunteered at most University Orientation events throughout my academic journey.