

EDUCATION

University of Manitoba

Sept 2017 - April 2023

- Bsc. Major in Computer Science

SKILLS

CORE
Node.js Python Java C# PHP
React Next.js JQuery Three.js
SQL AWS Android Moodle
WinForms Git Agile WCAG/WAI

FOR
Figma Illustrator Photoshop
Animate Premiere PowerBI
Canva Google SEO Access
Wordpress MailChimp Visio

VOLUNTEERING



Manages 2 organizational presences; averaging 13% monthly growth and 56% more engagement per content



Pioneers virtual CS Help Centre; Revivifies MISA community in Discord



Establishes brand for Canada's largest student SWE conference

Present Involvements	Since
Asper MISA Co-President	Sept 2021
Bisons' Programming Team Lead . . .	Sept 2021
MIS/CS Help Centre Lead	Oct 2021
.devClub Promotions Executive	May 2021
CUSEC Graphic Designer	May 2021
NBSC Web Consultant	June 2021
WICS Web & Outreach Volunteer . . .	Sept 2020

WORK EXPERIENCE

Full-Stack LMS Developer April - Sept 2021
Delphi Technology Corp

- Prototyped a suite of landing dashboards with Figma, reducing new user time to locate class resources by 70%
- Vitalized proof-of-concept chatbot with AWS Lex and Lambda, enabling interactive English speech practice over a web browser
- Orchestrated a dynamic course roadmap, with focus on architecture design, data bundling with PHP/AJAX, and ES6 class implementations

Digital Transformation Assistant July - August 2020
Business Transformation & Technology, Gov. of Manitoba

- Documented activity diagrams with Visio for procedures scoping resource acquisition, onboarding, contract renewal, and termination
- Migrated project data and employee accounts to a new SharePoint site

PROJECTS

TermSetter Student Portal Feb - April 2021
Test & Integration Engineer | 6 members

- Automated unit, integration, and user acceptance tests with >80% coverage in Android Studio, robustly covering 8 potential user stories

Recollection Day Nov 2020 - Feb 2021

- Built a top-down game using OpenGL to form scene mechanics and UI
- Created sprites with Photoshop, winning Best Visuals out of 23 entries

I'm Hungry Website Sept - Dec 2020
Project Manager | 5 members

- Spearheaded a high-fidelity prototype with HTML/CSS/JS, employing all 13 user-centric design principles per a site usability postmortem

Sheet Music OCR April - Sept 2020

- Developed an OCR library with Numpy to parse tonal sequences from a music score image file

COVID Business Development Database June - July 2020
Data Analyst | 5 members

- Tailored 10+ recommendations to 15 post-secondary institutions as response to local COVID with Access to optimize class delivery, resource investments, and competitive fees