

EDUCATION

University of Manitoba

Sept. 2017 - Present | Winnipeg, MB

- BSc. Major in Computer Science

Expected graduation: April 2022

PROJECTS

Termsetter Student Portal

Feb. - Apr. 2021 | 6 members | Android Mobile Development

- Presented a mobile student portal app documenting software design principles spanning 4 iterations
- Automated unit and integration tests with >80% code coverage and prepared user acceptance tests satisfying each of the 8 intended user stories

I'm Hungry

Sept. - Dec. 2020 | 5 members | UI/UX, Web Development

- Led the production of a high-fidelity prototype of a food delivery website with Javascript, employing 12 out of 13 core user-centered design principles

Sheet Music OCR

April 2020 - Present | Solo | Computer Vision, AI

- Leverages an OCR library to parse notes from a music score image into tonal sequences via Python

Recollection Day

Nov. 2020 - Feb. 2021 | Solo | Graphics, Game Development

- Built a top-down adventure game using the OpenGL library, programming player movement, interaction, audio integration, environment, UI, and progression
- Recipient of Best Visuals award of 23 entries for beautifully hand-drawn environment and sprites

SKILL HIGHLIGHTS

Communication

English (fluent),  
Tagalog (native),  
French (conversational)

Web

Apache, HTML, CSS, Sass,  
JQuery, Jekyll, Angular,  
React, Next.js, Flask, Django

Workflow Standards

Git, Agile, TDD, SDLC,  
UAT, WCAG/WAI-ARIA

Data Management

SQL, MongoDB, MS  
Access, MS Excel

Programming Languages

Javascript, Node.js, PHP,  
Python, C#, Java, C++, C

Graphics & Visualization

Figma, Canva, MS Visio,  
Adobe Photoshop, Adobe  
Illustrator, Adobe Animate

CMS Development

Wordpress, Moodle, MS  
SharePoint

Cloud Integration

Amazon Web Services (AWS)

Miscellaneous

Android Studio, OpenGL

EMPLOYMENT EXPERIENCE

E-Learning Development Intern

April 2021 - Present | Delphi Technology Corp - Calgary, AB

- Prototypes UI designs, mapped plugin architectures, cloud and data use, and implemented interface logic using PHP and Javascript
- Leads frontend direction in 4 unique projects to develop in-house Moodle learning management system (LMS) plugins, such as a chatbot that uses speech-to-text recognition integrating to AWS Lex and Lambda
- Develops custom landing pages that launch applications from AWS Appstream, bringing interactive lectures and activities designed to engage students and ease the lesson planning and delivery process for teachers

Digital Transformation Assistant

July - August 2020 | Business Transformation and Technology, Finance Central Services, Gov. of Manitoba - Winnipeg, MB

- Assisted in developing a SharePoint site for project managers in the government's IT sector, constructing pages and migrating data from an old SharePoint site
- Prepared spreadsheets for analysts and project managers, assisted with invoice preparation, and documented the department business processes

EXTRACURRICULAR ACTIVITIES

CUSEC Graphic Designer

May 2021 - Present | University of Manitoba - Winnipeg, MB

- Establishes CUSEC's annual brand and branding guidelines, coordinating with the Tech and Sponsorship teams to produce assets
- Plans social media deployment schedules and creates promotional materials to skyrocket CUSEC's national identity

.devClub Promotions Executive

May 2021 - Present | University of Manitoba - Winnipeg, MB

- Manages social media handles to deliver information on .devClub's events and workshops, crafting eye-catching posts that project an exciting, welcoming environment for developers

Women in Computer Science (WICS)

Web Developer

Sept. 2020 - Present | University of Manitoba - Winnipeg, MB

- Develops pages and components for the WICS site on a Next.js framework

Outreach Volunteer

Nov. 2020 - Present | University of Manitoba - Winnipeg, MB

- Engages in virtual high school visits to encourage women to pursue the Computer Science program and address questions regarding education in university and careers in the industry

Asper MISA (Management Information Systems Association)

Vice President of Art

May 2020 - May 2021 | University of Manitoba - Winnipeg, MB

- Led a team of graphic designers to deliver quality materials for marketing to increase student engagement with events and opportunities at MISA

Web Developer

June 2020 - May 2021 | University of Manitoba - Winnipeg, MB

- Maintained or updated content in MISA's website with Jekyll and SCSS