

Andrew Iheanacho

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EDUCATION

Bachelor of Science in Computer Science – Honours (Co-op)

University of Manitoba

Expected Graduation, Dec. 2026

Winnipeg, MB

Relevant Coursework:

- Data Structures & Algorithms, Software Engineering, Database Management Systems, Object-Oriented Programming, Distributed Computing, Operating Systems, Human-Computer Interaction.

SKILLS

Languages: Java, Python, JavaScript, C++, C, HTML, CSS, SQL

Frameworks: React, Tailwind CSS, Node.js

Tools & Version Control: Git, GitHub, Webpack, JSON, VS Code, Canva

Platforms: MacOS, Windows, Linux

WORK EXPERIENCE

Software Developer Lead

University of Manitoba | UM-UX Design club

January 2024 – August 2024

Winnipeg, MB

- Spearheaded the development of a data-driven web application, leading a cross-functional team in creating high-fidelity wireframes and interactive prototypes.
- Implemented Test-Driven Development (TDD) methodologies to ensure robust design and code quality.
- Conducted user research via interviews and surveys to inform user-centered design decisions.

IT Student Computer Assistant

IST – Technology Services University of Manitoba

September 2024 – Present

Winnipeg, MB

- Provide IT support to over 100 users weekly across multiple platforms, resolving 95% of issues within 24 hours.
- Manage accounts within the university's database, ensuring data accuracy through verification and issue resolution.
- Automate recurring troubleshooting tasks, cutting incident processing time by 20% and enhancing efficiency.

Educator/Sales Associate Lululemon

Outlet Collection Mall

May 2023 – Present

Winnipeg, MB

- Create exceptional experiences with customers, understanding their needs and offering tailored solutions.
- Deliver technical product education in a deadline-driven environment, increasing sales by 25%.
- Embrace learning, swiftly adapting to new technologies to drive continuous improvement.

PROJECTS

To-Do-List | [Live Demo](#)

June 2024 - Present

- Developing a to-do-list app using **JavaScript**, with features for task creation, deletion, and status updates.
- Designing a responsive, user-friendly interface with **HTML/CSS**, ensuring cross-device accessibility.
- Optimized load times by leveraging **Webpack's** code-splitting and tree-shaking techniques.
- Integrating **JSON API** to store and retrieve tasks, enabling seamless progress saving.

Portfolio Website | [Live Demo](#)

May 2024

- Built a fully responsive portfolio website with adaptive design using **HTML/CSS** for cross-device compatibility.
- Implemented interactive features like smooth scrolling, animations, and dynamic content loading using **JavaScript**.
- Optimized site performance by adhering to front-end best practices for fast load times and improved accessibility.

Internship Web App | Research, Design, Wireframing

University of Manitoba | UX Design Club

May 2024 – August 2024

- Collaborated to design a web app prototype to simplify the internship search for students and professionals.
- Created wireframes and interactive prototypes in **Canva** for a user-friendly, criteria-based interface.
- Worked with team members to ensure the design incorporated accessibility standards and best UX practices to improve user satisfaction and usability.