

Andrew Iheanacho

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andrew-ih.github.io/Portfolio_website/

PROFILE SUMMARY

Ambitious and motivated third-year undergraduate pursuing a BSc Honours in Computer Science at the University of Manitoba. A natural Leader who deploys effective communication skills to organize work, delegate tasks and collaboratively deliver results as a team. Possesses outstanding multitasking abilities and an outgoing, friendly demeanor fostering positive relationships. Driven by a passion for success, actively seeks new challenges and enjoys bringing creative ideas to fruition.

EDUCATION

University of Manitoba

Bachelor of Science in Computer Science - Honours, Expected in 2026

Sep. 2021 – Present

Achievements

Winnipeg, MB

- Deans U1 Honour Roll: 2022
- Recipient of the Friends of St John's College Scholarship (U1)

SKILLS

Languages: Java, Python, C, C++, C#, JavaScript, TypeScript, HTML, CSS, R

Frameworks: SQL, React, Node.js, Tailwind, Git, GitHub, Linux, VS Code

MS Office tools: Excel, Word, Teams, Outlook, SharePoint, Adobe, OneNote, OneDrive, Photoshop

WORK EXPERIENCE

Educator/Sales Associate Lululemon

May 2023 – Present

Outlet Collection Mall, Winnipeg, Manitoba, Canada.

Winnipeg, MB

- Creates exceptional experiences by engaging with customers, understanding their needs, and providing customized purchase and return solutions.
- Delivers technical production education in a deadline-driven environment through effectively articulating product value to enhance guest understanding and increase sales to over 100%.
- Showcased a proactive approach to learning and development, adapting quickly to new technologies and actively seeking guidance when needed to drive continuous improvement and professional growth.

Cook/Server/Dishwasher

May 2022 – Apr. 2023

Portsmouth Revera, Winnipeg, Manitoba, Canada.

Winnipeg, MB

Cook

- Demonstrated excellent communication skills in coordinating with servers and kitchen staff to ensure timely and accurate delivery of food orders.
- Displayed flexibility and the ability to work well under pressure during busy periods, ensuring that all customers receive prompt and attentive service.

Server/Dishwasher

- Trained new staff members and mentored them on best practices for customer service and dining room organization.
- Exhibited exceptional multitasking skills, balancing multiple responsibilities simultaneously to provide a seamless experience for customers.

VOLUNTEER EXPERIENCE

Software Developer Lead

Jan. 2024 – Present

University of Manitoba | UM-UX Design club

Winnipeg, MB

- Leading the creation of responsive and user-friendly interfaces using JavaScript, HTML, CSS, and related front and back-end technologies, enhancing user experience and interface aesthetics.
- Actively demonstrating strong communication and time management skills, facilitating effective collaboration and teamwork within a dynamic development environment.
- Actively participating in Test-Driven Development (TDD) practices, writing, and executing tests to ensure the reliability and quality of code, fostering a culture of quality assurance within the development process.

- Effectively communicated with team members to organize booths, restock materials, distribute snacks, and guide children to ensure a successful event.
- Assisted children with building various creative projects, delivering clear instructions and explanations about basic scientific concepts.

Youth Work Experience Program

July 2019

Shell Nigeria Exploration and Production Company Ltd (SNEPCo), Lagos, Nigeria.
Deepwater Projects (DWP) Career Orientation for High School Students

- Spearheaded creative design thinking and social networking initiatives.
- Coordinated and delivered a team presentation on fundamental engineering concepts and strategies to foster a productive and harmonious work environment.

PROJECTS

Internship Web App | *JavaScript, HTML, CSS, React, Node.js, Git*

Mar. 2024 – Present

- Developing a dynamic Full-stack web application using JavaScript, HTML, CSS, React, and Node.js to recommend internships to users.
- Implementing a user-friendly interface allowing users to input their criteria such as location, industry, and skills, leveraging React for smooth and interactive user experiences.
- Integrating backend functionality using Node.js to handle user requests, process data, and interact with external APIs or databases to retrieve internship listings.

Portfolio Website | *JavaScript, HTML, CSS, Git*

May 2024

- Designed and developed a personal portfolio website, displaying my qualifications and projects. Implemented interactive features to engage visitors, including smooth navigation, responsive design for various devices, and visually appealing layouts.
- Leveraged JavaScript and CSS for enhanced functionality, such as animated transitions and form validation, ensuring a seamless user experience.

Supermarket Simulation | *C++*

Mar. 2024

- Developed a C++ program to simulate customer checkout processes in a supermarket, implementing two types of checkout systems: Express Lane Simulation and One Waiting Line Simulation.
- Utilized object-oriented programming principles, custom data structures, and dynamic memory management to ensure efficient event handling and accurate simulation results.

Calculator | *JavaScript, HTML, CSS, Git*

Feb. 2024

- Developed a feature-rich Calculator application showcasing proficiency in JavaScript, HTML, CSS, and Git.
- Implemented complex mathematical operations and interactive functionalities using JavaScript, ensuring accurate calculations and smooth user interaction.

Tic-Tac-Toe | *Python, Machine learning*

Apr. 2023

- Developed a classic Tic Tac Toe game using Python, allowing users to choose the dimensions of the game board for added complexity and challenge.
- Implemented a responsive AI for the computer opponent, adjusting its strategy based on the game board dimensions while utilizing Python's data structures and algorithms to efficiently handle the user's input and compute the AI's moves, ensuring smooth gameplay.

EXTRACURRICULARS

- Software development tournaments as a member of the University of Manitoba Dev club.
- Member, Computer Science Students' Association (CSSA).
- Currently plays competitive soccer with Scorpions FC in Division 2 in the Major Manitoba Soccer League (MMSL).
- Intramural Soccer and Basketball at the University of Manitoba, demonstrating a commitment to teamwork, sportsmanship, and physical fitness.