

Michael Carey

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EDUCATION

University of Alberta | Edmonton, AB

Expected Graduation Dec 2024

B.S. Major in Computer Science and Minor in Business

SKILLS

Languages/ Libraries: Python, HTML, CSS, JavaScript, C#, Java, Node.js, SQL, React, RISC-V Assembly

Technology: Git, Linux, Unity, Firebase, MongoDB, Android Studio, Figma, MS Office

PROJECTS

Event Check-In App

[View Code on GitHub](#) [View Demo](#)

- Helped lead a team of five in planning, designing, building, and implementing an app that allows users to sign up for and create events by scanning QR codes.
- This project used **Figma** to help plan and design the UI/UX for the app, **Android Studio** for coding, and **GitHub** to help with effective collaboration.

Sorting + Path-Finding Algorithm Visualizer

[View Code on GitHub](#) [View Live Site](#) [View Demo](#)

- Interactive website that visualizes sorting algorithms such as **Quick Sort**, **Merge Sort**, **Selection Sort**, and **Bubble Sort**.
- Generates mazes for visually understanding how **DFS** and **BFS** path-finding algorithms find paths toward a goal.
- This website uses **P5.js** as a graphics library.

Clothing Store

[View Code on GitHub](#) [View Live Site](#) [View Demo](#)

- A website that acts as a clothing storefront and an inventory to create, read, update, and delete clothing articles (adding and editing products has been disabled due to security reasons).
- Full Stack web application that uses **React** as the front-end and **Google Firebase** as a back-end.
- Uses **Google Firestore** as a **NoSQL** database for storing clothing articles and doing CRUD operations.

WORK EXPERIENCE

Everything AI - Full Stack Web Developer Intern (2 months)

June 2024 - July 2024

- Successfully integrated course content and plugins into Moodle, enhancing the platform's educational capabilities and user experience.
- Assisted in creating outlines for programming courses designed for students ranging from elementary to high school.
- Designed and created a comprehensive database course tailored for high school students.

Loblaws - Real Canadian Superstore - Replenishment Clerk PT

Oct 2018 - Present

- Analyze and update the inventory database.
- Received outstanding customer service award.
- Trained new team members and took on managerial roles when needed.