

# Michael Carey

Edmonton, AB Canada T6J 6P8 (open to remote and relocating)

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## PROFESSIONAL SUMMARY

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I am a self-motivated Junior Developer passionate about learning and growing my professional and programming skills. I can follow and provide instructions as both a team member and an individual. I have strong problem-solving, initiative, and communication skills.

## EDUCATION

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**University of Alberta | Edmonton, AB**

Expected Graduation Dec 2024

BSc - Major in Computer Science and Minor in Business

## PROJECTS

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### ETS Bus Routes

I designed a Python application enabling users to input bus route numbers, which then visualizes the routes on a map. This project demonstrates my proficiency in Python programming and data visualization and file pickling.

View Code: <https://github.com/ItsMikeyy/ETS-Bus-Routes>

View Demo: <https://youtu.be/OCBWk3XupJk>

### Clothing Store

A full-stack web application that serves as both an online storefront and an inventory management system for a clothing store.

This project showcases my end-to-end capabilities in web development, including front-end design, back-end functionality, and database management. (Add and edit product buttons are disabled for security reasons however, they can be seen working in the demo video.) This site is built with React, React-Router-DOM, Google Firebase

View Code: <https://github.com/ItsMikeyy/ClothingStore>

View Live: <https://clothing-store-8a2f2.web.app>

View Demo: <https://youtu.be/XaeUKvdQ4uc>

### Sorting + Path-Finding Algorithm Visualizer

An interactive web project illustrating sorting algorithms like Quick Sort, Merge Sort, Selection Sort, and Bubble Sort, along with pathfinding algorithms including DFS and BFS. By combining visualizations with user-friendly controls, the project enhances algorithm understanding and showcases my proficiency in web development and algorithmic concepts.

View Code: <https://github.com/ItsMikeyy/PathFinding>

View Live: <https://itsmikeyy.github.io/PathFinding/>

View Demo: <https://youtu.be/hTrs-iaRa-k>

### Bouncer

A unity game inspired by the "World's Hardest Game". This project highlights my game development abilities and showcases my knowledge of the C# language and Unity game engine.

View Code: <https://github.com/ItsMikeyy/Blocks>

View Demo: <https://youtu.be/K81bwWfOTI>

## WORK EXPERIENCE

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### Loblaws - Real Canadian Superstore - Replenishment Clerk PT

Oct 2018 - Present

Replenish and allocate inventory | Analyze and update inventory database | Provide exceptional customer service | Received outstanding customer service award | Trained new team members | Took on manager roles when in need

## SKILLS

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**Languages/ Libraries:** Python | HTML | CSS | JavaScript | C | C# | Java | Express.js | Node.js | SQL | React | MongoDB |

**Technology:** Git | Linux | Unity | DSA | Firebase