

Michias Shiferaw

Software Engineer • Programmer • Software Developer

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Summary Of Qualifications

- Third year software engineering student at the University of Ottawa
- Over eight months' experience in software development
- Leading application cycle from conception to completion
- Strong skills include Database management, MySQL, React, and JavaScript
- Fluent in English, intermediate in French

Education

University of Ottawa

Ottawa, Ontario

BASc. in Software Engineering

September 2020 - April 2024

Scholarship: Admission Scholarship, Costco Canada Scholarship, First Generation Bursary

Relevant Coursework: Object Oriented Programming, Data Structures and Algorithms, Introduction to Software Engineering

App Academy - Full Stack Development Course

April 2021 - August 2021

Focuses in: JavaScript, JSON, HTML/CSS, Ruby, Ruby on Rails, MySQL, PostgreSQL, GraphQL

Projects

FaceYourFood

React, SCSS, Bootstrap5, JavaScript, JSON, Firebase, GitHub (<https://faceyourfood.netlify.app/>)

- Composed a high-level recipe website using **ReactJS**
- Integrated a **Firebase** project as the **back end** to store recipes, and **user authentication**
- Implemented **Bootstrap 5** as the front end framework to provide a vibrant application

Multiplayer Coin Game

JavaScript, HTML5, VanillaJS, Firebase, GitHub (<https://michiasshiferaw.github.io/game/>)

- Programmed a multiplayer coin game using **VanillaJS**
- Integrated a **Firebase** project as the **back end** to store user in-game data

Quiz App

React, HTML5, CSS, MSSQL, ASP.net Core API

- Designed and developed a quiz application using **ReactJS** from **NPM**
- Designed and built **ASP.NET Core Web App API** using **Microsoft SSMS 18**
- Gathered user input and login information data using **Axios** modules

Management Storage System

C++ (https://github.com/MichiasShiferaw/CplusplusFolder/tree/main/Costco-Store_Database)

- Produced a storage system application to rival Costco's store AS400 database system in **C++**

- Displayed and modified product details price using **C++ stream** from a txt file

Easy Fit App

Android Studio, Java, Firebase, GitHub (<https://github.com/MichiasShiferaw/Fitness-App>)

- Developed a **Java application** using **Android Studio** to emulate a fitness class booking service
- Stored classes information and fit using **Firebase Firestore**
- Authenticated users using **Firebase Authentication**

Work Experience

University of Ottawa

Ottawa, Ontario

Software Engineer

January 2022 - April 2022

- Designed, planned, and developed websites using JavaScript, HTML, CSS as requested by the client
- Planned and scheduled biweekly sprints that satisfied the client wishes to have online hubs with learning modules for undergraduate medical students
- Presented the work of the website to the client in weekly scrums, to ensure a harmonious result for the client

Code the Dream

Durham, North Carolina (Virtual)

Web Developer Tutor

July 2021 - January 2022

- Displayed leadership skills through constant motivation through positive feedback on students' assignments
- Presented a high degree of organization skills through maintaining records of all student scores on assignments
- Demonstrated punctuality skills by producing assigned grades in a timely manner so markings can be returned on a regular basis

The Association of Faculties of Medicine of Canada (AFMC)

Ottawa, Ontario

IT Technician

April 2021 - September 2021

- Demonstrated attention to detail when performing maintenance of On-Premises and Azure Active Directory environments
- Tested/Updated Network infrastructure through the applying of patches/updating monitoring software
- Strengthened web development skills by supervising the transfer of DNS through GoDaddy and Google Domain
- Exemplified punctuality by surpassing the projected deadline of Microsoft 365 environment deployment
- Demonstrated programming skills by creating a high-level VBA Marco code on Excel to retrieve the most efficient method of deployment

Skills

Languages: NPM, ReactJS, JavaScript, NodeJS, Python, CSS, SQL, HTML, C++, Java, VB.net

Tools: CMD, GitHub, GitLab, Jira, Confluence, Microsoft Office, Notepad++, PyCharm, Visual Studio, VSCode, DBVisualizer

Database: Data Models, Firebase, Microsoft SQL Server, PostgreSQL, UML Diagrams, Use Cases

Soft Skills: Adaptability, Agile frameworks, Bilingual, Communication, Conceptual Skills, Creative Thinking, Leadership, Software Development Life Cycle, Teamwork, Time Management, Troubleshooting,