

Sami Haddad

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SUMMARY OF QUALIFICATIONS

- Developed strong communication and troubleshooting skills during first co-op work term as a Help Desk Technician at the Town of Oakville
- Skilled in creating Full-Stack REST-ful applications with PostgreSQL, React, Express, and Node
- Able to create and manipulate databases with both SQL (Postgres) and noSQL
- Experience collaborating remotely with groups using GitHub
- Curious and ambitious; eager learn new concepts and technologies
- Placed 2nd in Hackville with Tiny Techs project
- Acquired Google Cloud Developer Award in Hackville for Maple Bridge Application

TECHNICAL SKILLS

Programming Languages: C, C#, HTML, JavaScript, TypeScript, CSS, PHP, SQL, NoSQL, Python

Technologies/Tools: MongoDB, PostgreSQL, GitHub, React.JS, AWS, Azure, Spring Boot, ASP.NET, SharePoint, Unity, JQuery, Machine-Learning, Keras, Tensorflow2

Operating Systems: Windows, Linux, Mac

EDUCATION

Honours Arts and Business & Computing Minor – Bachelor of Arts (Incomplete) Sep 2018 – Apr 2020
University of Waterloo, Waterloo, ON

Software Development & Network Engineering (Co-op) – Advanced Diploma Sep 2020 – Dec 2023
Sheridan College, Oakville, ON

Data Analytics – Honours Bachelor of Computer Science Sep 2024 – Apr 2026
Sheridan College, Oakville, ON

RELEVANT PROJECTS

PERN Stack Personal Website Sept 2022

- Created a Personal Website with Backend using PERN stack (PostgreSQL, Express, React & Node)
- Used React, HTML (and JSX) for the structure, and JavaScript for the functionality of the website
- Used SQL to create the database user and the tables, and to insert values when called
- Hosted the frontend with Netlify and the backend and API with Heroku
- Styled the website with React and Bootstrap

Tiny Techs (2nd place Hackville winner) Feb 2023

- Created a 2D game that familiarizes older individuals with technology
- Used C# scripts with Unity to create the functionality of the game
- Used all in-house assets created by the designers and created the theme song for the game
- Learned Unity in the duration of the hackathon (36 hours) to be able to create the game
- Used Extreme Programming methodology to develop the game

Locafy (Capstone – Top 10 Showcase) Nov 2023

- Created a webapp that helps location scouts in the film industry to help manage and decide on which locations to use

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- Used Angular and Bootstrap for the frontend, and Java for the backend services
- Used Docker to host the backend services
- Implemented Google Maps API and heatmaps
- Added file and image manipulation functionality using MinIO (to simulate Amazon S3 servers)

Maple Bridge (Hackville Google Cloud Award winner)

Jan 2024

- Created a mobile application that assists immigrant students coming to Canada in SwiftUI
- Implemented OpenAI as well as personalized AI prompts to assist the user
- Saved user information on Google Cloud and created a backend API
- Used google maps API to provide points of interest to the user based on the prompts

Locus Point (Formerly “Locafy”)

Apr 2024 - Current

- Reimplemented *Locafy* from scratch using Java Spring Boot for the backend and React.Js for the frontend
- Networked and found team-members that are willing to collaborate
- Worked on MinIO file integration
- Added security and implemented sessions in the frontend for user account creation and login functionality

WORK EXPERIENCE

Help Desk/Computer Hardware Technician Co-op

Dec 2021 – April 2022

Town of Oakville, Oakville ON

- Provided first level hardware and software support to help desk clients both remotely and in person demonstrating excellent customer service and communication skills
- Demonstrated excellent troubleshooting skills by fixing printer and computer issues
- Managed users remotely Using Microsoft Active Directory (AD)
- Used Salesforce to remotely control desktops and retrieve user information
- Managed assets using Microsoft Excel

Full-Stack ASP.NET Developer Co-op

April 2023 – Sept 2023

Euna Solutions, Oakville ON

- Created an ASP.NET application to retrieve Euna’s service statuses from Azure and log them in a database
- Designed Application with Figma and implemented the pages with ASP.NET Full-stack web development with Razor Pages
- Used DataTables API to search and filter tables
- Created ASP.NET and AJAX Middle-ware to communicate with the backend
- Used Microsoft Identity with Azure Identity to implement Authentication for Administrators
- Efficient time management to split my workload between critical testing and working on the assigned project