SAHIL HAKIMI

UofT Software Engineering Undergrad

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EXPERIENCE

Web Developer

TechZenik

November 2020 – Current Toronto, Ontario

- Developed Unity web game with C# scripts
- Developed API endpoints in Django REST framework in order to save game progress to a PostgreSQL database.
- Called RESTful API endpoints using C# scripts.
- Integrated a Unity webGL game in an Angular website.
- Developed web pages using HTML and CSS to advertise events and leave them with a pleasant service experience

Swim Instructor

AquaFun Academy

June 2019 – January 2020 North York, Ontario

- Responsible for planning a 4 month lesson plan that covers Red Cross swimming curriculum for various levels
- Demonstrated leadership skills by maintaining focus and productivity in classes of 4+ students in a noisy environment

Project Coordinator/Manager

Student Works Painting

April 2017–September 2019 Toronto, Ontario

- Demonstrated effective planning and organizational skills by gathering the necessary resources for any given job
- Used excellent management skills to ensure work met the established company standards

TECHNICAL SKILLS

Programming: C, C++, Java, Javascript Python, C#

Web: ReactJs, Express, HTML, CSS, Node.js

Databases: Neo4j, MongoDB, SQL

Other: Rest API, Jira, SVN, Git, Verilog, Latex, Maven

RELEVANT COURSES

CSCB63 – Design and Analysis of Data Structures

- Design, analysis, implementation and comparison of efficient data structures for common abstract data types.

CSCC01: Introduction to Software Engineering

- Introduction to software development methodologies with an emphasis on agile methods, basic software development infrastructure, basic UML,software architecture, design patterns, and testing.

CSCC73: Algorithm Design and Analysis

- Introduction to the main algorithmic paradigms (greedy, divide-and-conquer, dynamic programming, and linear programming) through concrete examples.

EDUCATION

University Of Toronto

HBSc. Computer Science Co-op Software Engineering Stream

2018-Present

- 3.08 CGPA

PROJECTS

UImpactify Web Application

- An app that brings together Learners, Consultants, and Social Organizations.
- This app was developed with MongoDB, Node, Express, and React and also uses external API's such as Firebase Auth REST API for user sign in, the EmailJS API to send users announcements in emails, and the Imgur API to allow users to upload their own profile pictures to the website by storing it as an Imgur link within a MongoDB database.

"Spotify" Profiles

- A Java project with 2 Microservices (Profile and Songs) that interact with each other
- The Song Microservice is a REST API that deals with a Mongo database that stores all the songs and information such as name, artist, album, ID, and favorites.
- The Profile Microservice is a REST API that deals with a Neo4j database that stores profiles, playlists, and songs as nodes. The API allows for following friends, adding songs to playlists, etc.

Movie/Actor Database

- Developed a RESTful API with Java that can handle CRUD operations to insert/delete/update nodes and fetch information from a Neo4j database that contains movies and actors.

EXTRACURRICULAR

U of T Book Club Vice President

- Organize and moderate weekly book club meetings to help promote reading and promote conversations about novels

Computer Science Club Coordinator (Lester B Pearson CI)

- Organized basic Java workshops for novice students interested in computer science

Animal Rights Activists Club Co-Founder (Lester B Pearson CI)

- Organized fundraisers and awareness events for animal rights. Developed interest and engagement for events using social media such as Instagram, Twitter, and Facebook