

SAHIL HAKIMI

UofT Software Engineering Undergrad

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EXPERIENCE

Web Developer/Unity Developer

TechZenik

Nov 2020 – September 2021

- Developed Unity web game with C# scripts
- Developed API endpoints in Django REST framework that support CRUD operations in order to save game progress to a PostgreSQL database
- Called RESTful API endpoints using C# scripts to update and keep track of player progress and score in the backend using UPDATE(Patch) and READ(Get) operations
- 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

.NET Developer

Taq Auto

Summer 2021 – Current

- Working on Front End Web UI components on Credit Driver Platform for client lease applications
- Update Calculator for lease applications to ensure correct values are returned to user for lease applications following correct logic
- Unit testing along with E2E testing and smoke testing to ensure no bugs are pushed to production and clients have a seamless experience
- Push code to QA, UAT, Production environments via G

Summer Coding Camp Instructor

TechZenik

May 2021 – September 2021

- Developing curriculum to teach students fundamentals of Web Development (HTML, CSS, Javascript), Unity Game Development (Scripting, Animations / State machines), etc
- Lead lessons through Zoom and guided students through various exercises
- Facilitated a safe, supportive, and energetic community that welcomes the various needs and learning styles of all students

TECHNICAL SKILLS

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

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

Databases: Neo4j, MongoDB, SQL

Other: Rest API, AWS, Docker, Jira, SVN, Git, Verilog, LaTeX, Maven

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