

# SAHIL HAKIMI

UofT Software Engineering Undergrad

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## EXPERIENCE

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### .NET Developer

#### Taq Auto

September 2021 – Current

- Updated Angular Front End Web UI components on Credit Driver Platform for client lease applications
- Updated .NET backend Calculator solution for lease applications to ensure correct values are returned to user for lease applications following the given logic
- Updated Specflow test files and automated E2E test cases with Selenium, along with manual regression testing to ensure no bugs are pushed to production and clients have a seamless experience
- Wrote SQL scripts to update database by creating records for new documents pertaining to lease applications
- Pushed code to QA, UAT, and Production environments via Go pipeline

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### Web Developer/Unity Developer

#### TechZenik

November 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

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### Summer Coding Camp Instructor

#### StemPowering

May 2021 – September 2021

- Developed 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

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## TECHNICAL SKILLS

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

**Web:** ReactJs, Express, HTML, CSS, Node.js, Django, .NET, JQuery, EJS, Mongoose

**Databases:** Neo4j, MongoDB, SQL

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

## EDUCATION

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University Of Toronto

**HBSc. Computer Science Co-op Software Engineering Stream**

2018-Present

- 3.08 CGPA

## PROJECTS

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### 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

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### 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