Fares Alkorani

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Education

University of Toronto Mississauga **Sep. 2021 – Present**
Bachelor of Science in Computer Science, Statistics *Mississauga, ON*

Technical Skills and Relevant Coursework

Languages : Python, Java, C, HTML, CSS, JavaScript, React, Git, SQL, Racket, Haskell
Relevant Coursework : Software Design (CSC207), Principles of programming languages (CSC324), Databases (CSC343), Data Structures and Analysis (CSC263), Algorithm Design and Analysis (CSC373)

Experience

Sonical.ly **Feb 2024 – Present**
Web Developer

- In-process of developing the marketplace feature on the website which will allow users and creators to view and post music lessons, respectively
- Worked with Google Firebase to manage user inputted data across multiple platforms including web and mobile apps.
- Using Figma to redesign the entire website UI/UX to provide users with an improved experience on the website

SwimNGo **Feb 2024 – Present**
Web Developer

- In-process of developing the booking feature on the website which will allow users to book swimming lessons across many regions in Ontario.
- Used Figma to redesign the entire website UI/UX to provide users with an improved experience on the website

Projects

2FA Backup Code Manager GUI | *Java, JavaFX, CSS* **December 2022**

- Assisted in the creation of an application that allow users to import and manage backup codes provided by different social media platforms, in situations where they lose access to their two-factor authentication device
- Used JavaFX and CSS to create a GUI that supports actions such as creating an account, importing and modifying backup codes, and modifying account settings
- Leveraged object-oriented programming practices including Strategy and Command to facilitate importing codes from different accounts

Continuous Passing Style Interpreter | *Racket* **December 2023**

- Used Racket to create an interpreter that parses code written in direct style to continuous passing style
- Used relational programming to take code written in continuous passing style and return its direct form

Simon (Game) | *Assembly (RISC-V)* **April 2023**

- Implemented the base aspects of the Simon game, demonstrating a deep understanding of low-level programming concepts
- Created comprehensive documentation for the project, including assembly code documentation and a user manual