Mikhael Opeyemi-Olatunji

Email: mao4@sfu.ca | **Github**: https://github.com/mikhael-oo | **LinkedIn**: https://www.linkedin.com/in/mikhael-opeyemi-olatunji-33a8a61a0/ | **Phone**: 613-602-6403

EDUCATION

Simon Fraser University | Burnaby   2020-2023
BSc. In Computer Science

El Paso Community College | El Paso   2018-2020
Associates in Computer Science

SKILLS

- **Programming:** Java, Python, HTML, CSS, Javascript, Flutter, Dart, SQL
- **Frameworks:** ReactJS, TailwindCSS
- **Design:** UI/UX Design, Wire-Framing
- **Tools:** Git, Android Studio, Bash, VS Code, Jupyter Notebook, Figma

PROJECTS

Quizzical Web App   Feb 2022 - Mar 2022
- Developed an app that tests a user general knowledge of things in the world and tallies their score at the end of the quiz.
- Fetched the data using Fetch API to the Open Trivia Database, and remodelled the data for optimal use
- Created a reusable custom component that dynamically models and renders the questions and answer options to the user
- Ensured accuracy of results by implementing state management using ReactJS's useState and useEffect hooks

Parent App | CMPT 276 (Intro to Software Engineering)   Nov 2021 - Jan 2022
- Collaborated with a team of 3 students to create an Android app that helps parents delegate tasks to their children, manage timeouts, and other critical tasks
- Designed a model that holds each child's information with the ability to share with the other parts of the application and also update at will by the user
- Ensured data persistence and consistent task management through the use of shared preferences
- Developed a timer using the CountDownTimer class in Java that is fully customizable by the user in tracking each child's timeout section

SPLITTER Web App   Dec 2021 - Jan 2022
- Developed an app that helps users split the bill and tips among a number of people
- Modelled the web app using the core principles of accessibility in HTML with the box model and the flex box components of CSS
- Implemented the use of the DOM in Javascript to provide real-time updates of the calculated tips and bill
- Rendered the web app responsive by accounting for different screen sizes using media queries and flexbox in CSS

Photos and Tours | CMPT 353 (Computational Data Science)   Oct 2021 - Dec 2021
- Developed a program that provides tourists the closest amenities to them from a photo of their closest location
- Cleaned the provided json datasets and geographic data using the pandas and numpy python libraries
- Designed an algorithm that extracts the longitude and latitude of the provided photo
- Wrote a report presenting the program to the instructor in charge

EXPERIENCE

Computer Lab Assistant | El Paso Community College | El Paso   Nov 2018 - Aug 2020
- Configured hardware devices and software to set up workstations for more than 100 students
- Provided instructions to all lab users on proper use of equipment
- Broke down and evaluated user problems using testing scripts, personal expertise, and probing questions

INTERESTS

- Martial Arts
- Philosophy
- Chess