Rufaro Clarisa Gapare

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Portfolio: https://clarisa1999.github.io/Portfolio/

Education

McGill University – Montreal, Canada.   **Graduation** May 2023
Bachelor of Science, *Computer Science and Physics*
Relevant Courses: Programming Languages and Concepts, Data Structures and Algorithms, Software System, Model-based Programming, Programming Languages and Paradigms, Computer Organization, Operating System

Relevant Work Experiences

Microsoft, *Software Engineer Intern*   May 2021 – Aug 2021
- Worked on front-end of a web application using Web Components, FAST, HTML, CSS, TypeScript
- Worked with external teams to test and get data for the back end of our project by expanding APIs using C# and integrating them using Vanilla JavaScript as well as fixing CORS for the different APIs
- I did UX designs using Figma and implemented the front-end using Web Components
- Fixed 23 bugs for one of our web application projects in the duration of two weeks.
- Facilitated meetings with our sponsors and organized tasks for different sprints for my team (scram master)

McGill University IMAGE project, *Software developer*   Sept 2021 – April2022
- I constructed API schemas and built REST APIs with Node.js for a web plugin.
- Built the settings page of the plugin which is compatible with all browsers using Vanilla JavaScript
- Deployed and maintained the browser plugins.
- Integrated ML pipelines with our server.
- Use modern JavaScript including ES6 features, scope, closures, inheritance, and asynchrony

Firewox Technologies *Software developer Intern*   July 2020 – August2020
- Used Java and Retrofit in Android Studio to retrieve IPV4 and IPV6 addresses of servers to our android application project.
- Converted data from the browser from json format to text view format in the application.
- Worked on the frontend of company's website and subscription plugins on the website
- I designed the interface of an Android application using Figma and Material designs.
- Customized email templates for the company using HTML and CSS that were purchased by 5 clients.
- Facilitated meetings our clients to explain and assist them on using applications we designed for them

Skills

Programming Languages: Java, JavaScript, TypeScript, Web Components, OCaml, C, HTML, CSS/SASS, Bash, FAST, Kotlin, Swift
Frameworks & Technologies: React.js, React Native, Node.js, Express, Android Studio, REST API, SQL, Material UI
Tools & Platforms: Git,Travis CI/CD, Heroku, Firebase, Mongo

Selected Projects

G-City application, *2 – people project*   May 2021
- We built a full-stack mobile application that allows the users to directly communicate with Government Public Council services
- Built and exposed REST APIs that allowed for specifying the details of the company and endpoints that allowed users to register and login
- Leveraging android studio, I built the front-end of the application, linked it to the database and implemented authentication

Leadership & Involvements

Vice President Events for NBSE   August2021-April2022
- I organized academic events such as tutorials, recruitment seminars, informal sessions about internships and other opportunities available for different Engineering and Science Majors.

Academic awards

- Recipient of full scholarship from MasterCard Foundation   August2018-current
- Recipient of Palantir Women in Technology 2020 scholarship   May2020
- Finalist in the McGill CSUS hackathon 2019   February2019