Rufaro Clarisa Gapare

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Education

McGill University – Montreal, Canada.   Sept 2018 – **Graduation** January 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, Artificial Intelligence (AI), Operating System, Intro to Software Engineering

Skills

Programming Languages: Java, JavaScript, TypeScript, Web Components, Python, OCaml, PHP/Hack, C, HTML, CSS/SASS, Bash, FAST,Kotlin
Frameworks & Technologies: React.js, React Native, Node.js, Express, Spring Boot, GraphQL, Android Development, REST API, Relay, SQL
Tools & Platforms: Git,Travis CI/CD, Heroku, Firebase, Mongo

Relevant Work Experiences

Microsoft, *Software Engineer Intern*   May 2021 – Aug 2021
➢ Worked on front-end of a web application using React, 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 – Current
➢ I construct API schemas and build REST APIs with Node.js for a web plugin project.
➢ Use Docker and deploy browser plugins.
➢ Integrate 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

Selected Projects

Cloud-based scheduling system, *5 – person project*   May 2021
➢ We built a full-stack web application that allowed for registered users to scheduled appointments for their vehicles
➢ Built and exposed REST APIs that allowed for specifying the details of the business and endpoints that allowed forusers to register and login
➢ Leveraging Vue.js Framework, I built the authentication, business, and appointment booking pages

Leadership & Involvements

Vice President Events for NBSE   August2021-current
➢ I organize 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