# Nyarika Kemo Sonko

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## ABOUT ME

- Accustomed to being in a **competitive atmosphere** and **working hard** to achieve goals from being a **student-athlete** on Simon Fraser University's men's basketball team(NCAA DII) with 25+ weekly hours
- Demonstrated **strong written and verbal communication skills,** and **critical thinking** from background in social sciences and debating
- **Adaptable** to different situations and comfortable with people from different walks of life from being exposed to multiple cultures and living in 5 countries

## SKILLS

- Java
- HTML/CSS
- Android
- Python
- PHP

- C/C++
- Reacts.Js/Node.JS
- TypeScript/JavaScript
- SQLite/MySQL
- Figma

## WORK EXPERIENCE

**Product Manager Intern**               **May -September 2021**
Wenso Ltd

- Served as the intermediary between a development team and the client to ensure overall project satisfaction
- Attended weekly meetings with the client and took notes of suggestions and issues, before relaying the information to the development team.
- Performed quality inspection and testing, and made sure that requirements were met by deadlines.

**Finance Intern**                           **January 2016**
Al Wasit Group

- Completed a 1-week internship at Al Wasit Group, working in the accounting and finance departments.
- Calculated accounting tables through Microsoft Excel

## LEADERSHIP & VOLUNTEER WORK

**Volunteer**                                  **2011-Present**
*Heeno International*

- Organized meals, medical provisions, fundraisers, and donations throughout 5 projects in Ivory Coast, Sierra Leone, Gambia, Mauritania, Guinee, Morocco, and Ghana, and helped 500+ people

**Humanitarian Award**                        **2019**
*Simon Fraser University Institute for Humanities*

- Awarded the Mahatma Gandhi Annual Student Peace award for my work with Heeno International by the Thakore Charitable Foundation and the SFU Institute for the Humanities

**Debating**                                   **2016-2018**

- Competed in 4 Model United Nations, throughout Dubai and Doha

## FEATURED PROJECTS                        kemosonko.com

**Portfolio Website| Web(React)**                    **2022**

- Built my own personal website to showcase my projects and skills

**Restaurant Website| Web(PHP, MySQL)**             **2022**

- Developed and deployed a functional restaurant ordering website
- Added an admin interface connected to a MySQL database that allows C.R.U.D operations on food items and categories displayed, as well as order status
- Incorporates access control and password encryption to ensure security

**COVID-19 TRACKER | Web(React, JavaScript)**       **2021**

- Developed and deployed a real-time COVID-19 tracker
- Retrieved data from the disease.sh API and sorted it based on settings
- Utilized Chart.js library to display Linegraphs and a map of the cases, recoveries, and deaths

**Zoom in | Web(React, JavaScript)**                **2021**

- *Designed, developed, and deployed an Image sharing and downloading website similar to Pinterest, utilizing Sanity IO*
- *Implemented secure login through Google Auth*

**GitLab Analyzer | Web(React, SpringBoot & Java)**  **2021**

- Designed, developed, and deployed a complex analytics tool that measures individual Gitlab project contributions, as part of a group of 7 members
- Applied the SCRUM agile framework, with 2 weekly standups and weekly sprint reviews
- Created a PostgreSQL database that stores users project information, to reduce loading time and API calls
- Implemented graphs and charts of all relevant user data
- Configured SSO sign-in through SFU's web server

**Parenting Pro| Android(Java)**                    **2020**

- Designed, developed, and launched an android parenting app that facilitates child management tasks for parents, as part of a group of 4 member

**Zombie Sweeper| Android(Java)**                   **2020**

- Designed, developed, and launched an android Mine Seeker, with a customized board size and number of zombies(mines)

## LANGUAGES

- English : Native Language
- French : Native Proficiency
- Arabic : Basic communication skills, competent reading and writing
- Spanish : Basic communication skills, competent reading and writing

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## CERTIFICATIONS

**EA software engineering virtual experience program**
*Jan 2022*

- *Reviewed open-source implementations of PacMan and created a new game called Vax-man by incorporating a different set of mechanics, which presented their own set of challenges in regards to performance and inclusion of concurrency, in both Python and C++*
- *Learned about game engine technologies such as FrostBite and Unreal Technologies*
- *Learned about common cyber security vulnerabilities such as stack buffer overflow and the Heartbleed bug, as well as how to mitigate them*

## EDUCATIONAL BACKGROUND

**Simon Fraser University**                    2019-2023(Expected)
B.Sc. Computing Science
**Rochester Institute of Technology**                    2018-2019
B.Sc. Computing Security
**Honors French Baccalaureate**                    2018
Economics and Social Sciences

## ATHLETIC ACHIEVEMENTS

**Basketball team | Simon Fraser University**
*2019-Present*

***Most valuable Player Award | Rochester Institute of Technology***
*2019*

**Basketball team | Rochester Institute of Technology**
*2018-2019*