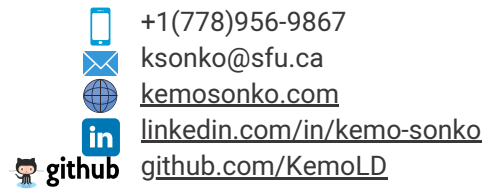


# Nyarika Kemo Sonko

102-7074 Inlet Drive, Burnaby, B.C, V5A 1C1



## 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 **written and verbal communication skills**, as well as **critical thinking** from a background in social sciences and debating
- **Adaptable** to different situations and comfortable with people from different walks of life, from living in 5 countries and being exposed to multiple cultures

## PROGRAMMING LANGUAGES/ FRAMEWORKS

- |                   |                       |
|-------------------|-----------------------|
| • Java            | C/C++                 |
| • HTML/CSS        | React.js/Node.js      |
| • Android         | TypeScript/JavaScript |
| • Python          | SQLite/MySQL          |
| • PHP             | Figma                 |
| • Data structures | JUnit5 Testing        |

## 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

## 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, in both Python and C++, which presented their own set of challenges in regards to performance and inclusion of concurrency*
- *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*

## FEATURED PROJECTS

[kemosonko.com](https://kemosonko.com)

**Portfolio Website| Web(React, Next.js)** **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

# Nyarika Kemo Sonko


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<https://www.linkedin.com/in/kemo-sonko>



[github](https://github.com/KemoLD)

## LEADERSHIP & VOLUNTEER WORK

<b>Volunteer</b>	2011-Present
<i>Heeno International</i>	
<ul style="list-style-type: none"><li>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</li></ul>	
<b>Hackaton</b>	2021
<ul style="list-style-type: none"><li>Participated in "Fall Hacks", organized by Simon Fraser University</li></ul>	
<b>Humanitarian Award</b>	2019
<i>Simon Fraser University Institute for Humanities</i>	
<ul style="list-style-type: none"><li>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</li></ul>	
<b>Debating</b>	2016-2018
<ul style="list-style-type: none"><li>Competed in 4 Model United Nations, throughout Dubai and Doha</li></ul>	

## EDUCATIONAL BACKGROUND

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

## ATHLETIC ACHIEVEMENTS

<b>Basketball team   Simon Fraser University</b>	2019-Present
<i>Most valuable Player Award   Rochester Institute of Technology</i>	
	2019
<b>Basketball team   Rochester Institute of Technology</b>	2018-2019