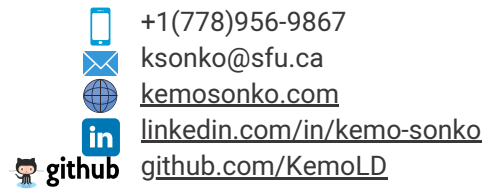


Nyarika Kemo Sonko

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, and having great **time management** skills
- 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 |
| • Pytest | • JUnit5 Testing |
| • Scrum | • Agile development |
| • Software R&D life cycle | • Selenium |

WORK EXPERIENCE

QA developer intern **May-August 2022**

Later

- Designed, developed, and executed both manual and automated test cases in an agile setting through the software development cycle
- Identified problem areas and reported bugs to the development team

Product Manager Intern **May-September 2021**

Wenso Ltd

- Performed market research and worked with a development team to help determine features specifications
- Attended weekly meetings with the client and took notes of suggestions and issues, before discussing them with the development team
- Performed quality inspection and testing, and made sure that requirements were met by deadlines

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++*
- *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

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

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github.com/KemoLD

LEADERSHIP POSITIONS

Volunteer	2011-Present
<i>Heeno International</i>	
<ul style="list-style-type: none">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	
Hackathons	2021-Present
<i>Simon Fraser University</i>	
<ul style="list-style-type: none">Participated in "Fall Hacks" and "Storm Hacks", organized by university clubs	
Debating	2016-2018
<ul style="list-style-type: none">Competed in 4 Model United Nations, throughout Dubai and Doha	

ATHLETICS

Varsity Men's Basketball	2019-Present
<i>Simon Fraser University</i>	
Varsity Men's Basketball	2018-2019
<i>Rochester Institute of Technology</i>	
Varsity Men's Basketball Captain	2016-2018
<i>Lycee Francais Georges Pompidou</i>	

EDUCATION

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

AWARDS

Mahatma Gandhi Humanitarian Award	2019
<i>Simon Fraser University Institute for Humanities</i>	
<ul style="list-style-type: none">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	
Most Valuable Player Award	2019
<i>Rochester Institute of Technology</i>	
<ul style="list-style-type: none">Awarded the most valuable player on the basketball team, as a freshman	