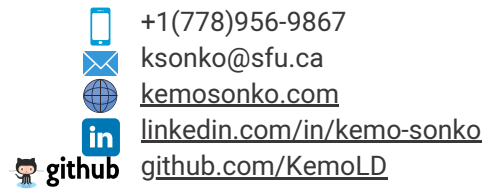


Nyarika Kemo Sonko

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 |
| • Scrum | Agile development |
| • Software development life cycle | |

WORK EXPERIENCE

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 with 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

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 & VOLUNTEER WORK

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	
Hackaton	2021
<ul style="list-style-type: none">Participated in "Fall Hacks", organized by Simon Fraser University	
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	
Debating	2016-2018
<ul style="list-style-type: none">Competed in 4 Model United Nations, throughout Dubai and Doha	

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
<i>Most valuable Player Award Rochester Institute of Technology</i>	
	2019
Basketball team Rochester Institute of Technology	2018-2019