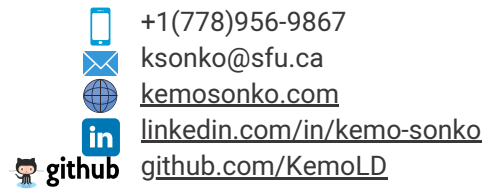


Nyarika Kemo Sonko

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 |

EXPERIENCE

Software Project Manager & Web developer

SFU Robot Soccer Club **March 2022- Present**

- Designed and developed workflow protocols and practices for the software team, with written documentation
- Provided DevOps improvements to the GitLab repository to improve work efficiency and display of information
- Contributed to building the club a brand new website

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

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**

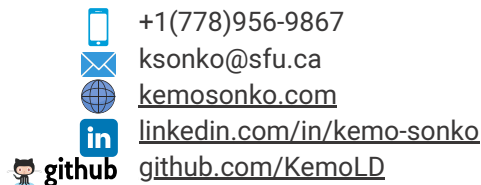
- Designed, developed, and launched an android Mine Seeker, with a customized board size and number of zombies(mines)

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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LEADERSHIP POSITIONS

Volunteer 2011-Present
Heeno International

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

Hackathons 2021-Present
Simon Fraser University

- Participated in "Fall Hacks" and "Storm Hacks", organized by university clubs

Debating 2016-2018

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

ATHLETICS

Varsity Men's Basketball 2019-Present
Simon Fraser University

Varsity Men's Basketball 2018-2019
Rochester Institute of Technology

Varsity Men's Basketball Captain 2016-2018
Lycee Francais Georges Pompidou

EDUCATION

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

AWARDS

Mahatma Gandhi 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

Most Valuable Player Award 2019
Rochester Institute of Technology

- Awarded the most valuable player on the basketball team, as a freshman

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