
Tanyaradzwa Gerald Gozhora

Summary

Enthusiastic CS student motivated to learn more about the betterment of life through the use of software development and data science.

Education

University Of Alberta (Expected 06/2023)

Edmonton, Alberta

Bachelor of Science: Honors in Computing Science

- **Undergraduate Councilor** in the largest SRA (Student Representative Association) on campus (ISA)
- **Vice-President** in GDSC--Google Student Developers Club
- **Relevant Courses:** Database Management ♦ Algorithms I ♦ Honors Linear Algebra I & II ♦ Honors Advanced Calculus I & II ♦ Introduction to Machine Learning ♦ Practical Programming Methodology (C Programming Language)

Gateway High School (Graduated 12/2018)

Harare, Zimbabwe

- **Valedictorian**
- Form Leader and Captain of Grounds and Resources

Relevant Experience

Ministry of Health and ChildCare Internship (05/2021 – 08/2021)

Junior Full Stack Intern (Harare, Zimbabwe)

- Installed and configured Chatbot to increase user engagement (JavaScript)
- Designed Website to needed specifications (Figma)
- Installation of a Content Management System on Linux (WordPress on Nginx)
- Adapted WordPress theme to fit requirements (PHP)
- Server configurations (Apache, MariaDB)

Google Developers (GDSC) (09/2021 - Present)

Vice-President (Edmonton, Canada)

- Organized events to increase student engagement
- Amended Constitution for a new academic year

NeurAlbertaTech Koalacademy (05/2019 - Present)

Developer (Edmonton, Canada)

- Designed & Developed Web Pages (Figma)
- Created React Components Reused throughout the site
- Updated streaming to account for channels on Open-BCI
- Facilitated intake of data stream
- Debugged Artificial stream of data

Middleman Tech (08/2021-Present)

Front-End Developer (Harare, Zimbabwe)

- Developed Sites according to user requirements
- SEO Optimization

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[Linkedin](#) | [GitHub](#) | [Website](#)

Projects

- **Fill-Active Community (MTL Code to Give)** [\[article\]](#)

Developed a full stack web-app to better connect students and teachers of the Fill-Active Community. developed as part of the **Code to Give** Hackathon.

(1st Place received 3500 CAD in vouchers)– 09/2021
(Express, Node)

- **Unify** [\[Site\]](#) | [\[Github Repository\]](#)

Full stack web-app to connect students in similar courses developed for the **HackED** hackathon – 01/2021
(MongoDB, Express, Node)

- **Stats265** [\[Github Repository\]](#)

Python package (PyPI) with the Statistics distributions taught in the Stats-265 course at UAlberta - 06/2021

(Python, Matplotlib, Unittest)

- **Sentiment Analysis App** [\[Github Repository\]](#)

Sentiment Analysis Web App using IMDB movie reviews database, all done on Amazon Sagemaker handled by a single layer RNN. Amazon API endpoint and Lambda used to link the model to the html file – 08/2021

(Python, AWS, Pytorch)

- **National Big Data Challenge** [\[Paper\]](#)

Academic paper investigating the correlation between flights and covid-cases in African countries, with policy ideas explored after results explained. Abstract published in STEM Journal. – (06/2020)

(Python, Pandas, Seaborn)

Technical Skills

- Languages - Python, C, JavaScript
- Frontend- React, Express.js, Figma, WordPress
- Backend – MariaDB, Node.js, Unittest (Python), PHP, Nginx and Apache
- Data - SQL, SQLite3, MongoDB, Python data libraries

Accomplishments

- ICPC NA Qualifiers & Regionals
- Bronze medal in the Pan African Mathematical Olympiad (05/2019)
- International Student Scholarship- UAlberta (2019-2021)
- International Country Scholarship- UAlberta (2019)
- Southern African Science Olympiad (2018 - 9th, Physical science)

Volunteering

- University of Alberta Open House
- Edmonton & Area Land Trust
- Ngezi Community Outreach
- Organized multiple clean-ups