Tanyaradzwa Gerald Gozhora

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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

- GPA 3.2/4.0
- **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** (GPA 4.8/5.0)
- 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

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

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 500 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