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.

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Education

University Of Alberta (*Expected 06/2023*)
Edmonton, Alberta
Bachelor of Science: Honors in Computing Science

- GPA 3.3/4.0
- **Undergraduate Councilor** in the largest SRA (Student Representative Association) on campus (ISA)
- **Relevant Courses:** Database Management ♦ Algorithms I ♦ Honors Linear Algebra I & II ♦ Honors Advanced Calculus I & II ♦ Introduction to Machine Learning & Practical ♦ Programming Methodology (C Language)

Gateway High School (*Graduated 12/2018*)
Harare, Zimbabwe

- **Valedictorian** (GPA 4.8/5.0)
- Form Leader and Captain of Grounds and Resources

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

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

Relevant Experience

Ministry of Health and ChildCare EHR Internship (05/2021 – 08/2021)
Junior Full Stack Intern (Harare, Zimbabwe)

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

NeurAlbertaTech Koalacademy (05/2020 - Present)
Front-End Developer (Edmonton, Canada)

- Designed & Developed Web Pages (Figma)
- Created React Components Reused throughout the site

NeurAlbertaTech RemBRAINdt (05/2019 - 05/2020)
Back-End Developer (Edmonton, Canada)

- Updated streaming procedure to account for channels on Open-BCI
- Facilitated intake of data stream
- Debugged Artificial stream of data

STEM Undergraduate Big Data Challenge (2020)
Data Analyst (Edmonton, Canada)

- Abstract published in the STEM journal
- Collected data on flights and cases coming into various African countries, heat-maps to see significance of other factors
- Performed Linear Regression on the flights and cases, with models R-squared values of 93%+
- Write up on the potential policy impacts of these findings in said countries

Projects

- Unify – (01/2021) Web Application to connect students at UAlberta in similar courses developed for the HackED hackathon (Mongo, Express, Node)
- Stats265 – (06/2021) Python package (PyPI) with the Statistics distributions taught in the Stats-265 course at UAlberta (Python, Matplotlib, Unittest)

Volunteering

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