

Tanyaradzwa Gozhora

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EDUCATION

Bsc in Computing Science (Honors), University of Alberta

09/2019 – 05/2023

Relevant courses:

Edmonton, Canada

Software Engineering, Database Management, Intelligent Systems, Reinforcement Learning, Search Knowledge and Simulation, Honors Advanced Calc I&II, Honors Linear Algebra I&II

PROFESSIONAL EXPERIENCE

Software Developer Intern (Part-time Remote), Morgan Stanley

08/2022 – present

Montréal, Canada

- Designed and developed frontend with Vue3
- Devised python script that facilitates data pipeline from Kafka stream to MongoDB collection
- Developed backend capable of Querying with API endpoint configurations
- My developed site reduces a 3-hour process to a process with a 2-minute upper bound thus saving valuable technician on site time

Software Developer Intern, Morgan Stanley

05/2022 – 08/2022

Montréal, Canada

- Designed and developed frontend with Vue and Figma
- Developed backend which has proxying capabilities, can perform MongoDB Queries and has API endpoint configurations in Python
- My web app reduced work needed before sprint sessions by 20%
- Shortlisted to present my project at the MTL campus tech expo

Teaching Assistant, University of Alberta [Cmput 366 - Intelligent Systems]

08/2022 – present

Edmonton, Canada

- Created and graded Quizzes and Exams for students
- Graded assignments and held office hours

Software Engineer Intern, Ministry of Health and ChildCare

05/2021 – 09/2021

Harare, Zimbabwe

- Participated in usability testing to improve the user experience and created wiki site for users
- Designed reusable components for the Zimbabwe Electronic Health Record system, EHR
- Participated in system design and full-stack programming with other members

Developer, NeurAlbertaTech

05/2020 – 08/2022

Edmonton, Canada

- Facilitated intake of and debugged Artificial and Open-BCI Stream in Python
- Calculated EEG grand averages for further Analysis in Python

Vice President, Google Developers Student Club

09/2021 – 09/2021

Edmonton, Canada

- Led development of the fire-control [🔗](#) package with a team of seven
- Organized events to increase student engagement

PROJECTS

Fill-Active Community, Montréal Code to Give [🔗](#)

10/2021

- Developed a full stack web app to better connect students and teachers of Fill Active
- Attained first place and received (\$3500 CAD) worth in Amazon vouchers

LVO Classification using EEG for paramedics, Time Series Analysis of EEG signals & Classification of Patients [🔗](#)

04/2022

- Developed preprocessing pipeline including Fast Fourier and Wavelet Transform to reduce dimensionality
- Applied Supervised Models and attained 84% accuracy

Fire Control, GDSC [🔗](#)

05/2022

- A npm package to aid the use of firebase in react

Unify, HackED [🔗](#)

08/2021

- Developed web App to connect students in similar courses & performed rounds of user acquisition

AWARDS

International Student Scholarship, University of Alberta

08/2022

(\$2500 CAD) Re-awarded from 1st year to present

ICPC NA Qualifiers & Regionals, ICPC

03/2021

International Country Scholarship, University of Alberta

08/2019

(\$5000 CAD) Awarded to incoming first years (based on academic standing in high school)

Bronze Medal (PAMO), Pan African Math Olympiad

05/2019

SKILLS

Python | C | Kafka | Vue 2 & 3 | React | API | Vanilla Javascript | HTML | CSS | MariaDB | MongoDB | Node
Flask | SQL | Unittest | Express