

# 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, Honors  
Advanced Calc I&II, Honors Linear Algebra I&II, Practical Algorithmics

## PROFESSIONAL EXPERIENCE

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

08/2022 – present

- Developed backend with a pipeline from a Kafka stream to MongoDB, with API endpoint configurations
- Developed site which reduces a 3-hour process to a process with a 2-minute upper bound thus saving valuable technician on site time
- Designed and developed frontend with Vue3

Montréal, Canada

**Software Developer Intern, Morgan Stanley**

05/2022 – 08/2022

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

Montréal, Canada

**Research Assistant, University of Alberta [Department of Linguistics]**

05/2023

- Developed web app to collect data for linguistics research

Edmonton, Canada

**Teaching Assistant, University of Alberta [Formal Systems and Logic in Computing Science - Cmput 272]**

Edmonton, Canada

- Graded Assignments and Exams

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

08/2022 – present

- Created quizzes and graded assignments and exams and held office hours

Edmonton, Canada

**Software Engineer Intern, Ministry of Health and ChildCare**

05/2021 – 09/2021

- 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

Harare, Zimbabwe

**Developer, NeurAlbertaTech**

05/2020 – 08/2022

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

Edmonton, Canada

**Vice President, Google Developers Student Club**

09/2021 – 09/2021

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

Edmonton, Canada

## 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