Kameel Kasumu

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Education

Schulich School of Engineering, University of Calgary   **Sept 2021 – Apr 2026 (Projected)**
B.Sc. in Software Engineering, Mechatronics Minor (Current GPA: 3.58/4.00)

Skills

Programming Skills: Java, Python, C/C++, Processing, HTML, CSS, JavaScript, React, AWS, MySQL, PHP, Git, GitHub
Soft Skills: Effective Learning, Goal-Oriented, Teamwork, Patience, Communication, Resilience, Problem-Solver

Projects

Obituary Maker (https://github.com/kameelkas/Obituary_Maker)   **Aug 2023**
- Created a full-stack web application with React JS for the front-end and AWS infrastructure with Terraform, Lambda functions, and AWS Step Functions for orchestration, enabling user-friendly obituary generation and storage, including voice-reading obituaries and Cloudinary integration.

Personal Portfolio Website (https://github.com/kameelkas/KameelKasumu)   **Aug 2023**
- Designed and launched a personal website serving as a dynamic platform to showcase both my professional portfolio and personal projects. Leveraged HTML, CSS, and Vanilla JavaScript to craft responsive web applications, ensuring optimal user experience across various devices.

Wordle (https://github.com/kameelkas/Wordle)   **Aug 2023**
- Created a replica of the 'Wordle' game, reinforcing HTML, CSS, and Vanilla JavaScript skills. Developed a personal API with AWS integration for word retrieval and added mobile-friendly on-screen keyboard.

Weather Searcher (https://github.com/kameelkas/Weather_Searcher)   **Aug 2023**
- Developed a PHP-based web app for real-time city weather using OpenWeatherMap API, showcasing HTML, CSS, and JS skills. Implemented background picture toggle feature for enhanced user experience.

Extracurricular Activities

DeepRacer Calgary   **Sep 2023 – Present**
Racer
- Develop ML algorithms to enable autonomous vehicle racing.

Electrical and Software Engineering Students' Society   **Sep 2023 – Present**
Academic Events Commissioner
- Coordinates with VP Academic to help plan and host various academic-oriented and related events.

Edu-Dialect
Ambassador & Volunteer Manager   **Aug 2023 – Present**
- Research on countries for program expansion. Contact and communicate with other organizations and charities. Recruit ambassadors, students, and volunteers for the program, and manage and mitigate any issues that arise during program administration.

Program Volunteer   **Jan 2023 – Mar 2023**
- Met with partner once a week and had in depth discussions and checked written assignments on various topics to help increase their English speaking/writing proficiency.

Islamic Centre of Calgary – ICSC Quran School   **Feb 2018 – Mar 2020**
Teaching Assistant
- Instructed 15+ young children in learning the Arabic alphabet to support their journey in reading and memorization of the Qur'an with confidence and comprehension.

Nigerian Canadian Muslim Congregation Calgary   **Nov 2016 – May 2021**
Usrah Dues Collection Volunteer – Treasurer Assistant
- Collected monthly dues using POS system from male side during monthly meetings, assisted in fundraising events.

Achievements & Awards

2022 Jason Lang Scholarship
2022 Tony Neidermayer Memorial Bursary
2022 Dean's List – Schulich School of Engineering
2021 Alexander Rutherford Scholarship