

Kameel Kasumu

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Education

Schulich School of Engineering, University of Calgary
B.Sc. in Software Engineering, Mechatronics Minor

Sept 2021 – May 2026 (Projected)

Skills

Technical Skills: C++, Java, Python, C, TypeScript, HTML, CSS, JavaScript, React, Git, GitHub, C-Sharp, SQL

Soft Skills: Communication, Effective Learning, Goal-Oriented, Teamwork, Patience, Resilience, Problem-Solver

Experience

Seequent | Software Developer, Intern

May 2024 – August 2025

Seequent develops geoscience modelling and visualization software to help organizations understand the subsurface and make better decisions.

- **Developed and refactored core UI features** in GeoStudio's geotechnical analysis desktop application (C++, MFCShell) including the market leading slope stability analysis package improving usability and experience for thousands of engineers.
- **Collaborated with cross-functional stakeholders** (engineers, team lead) by presenting feature progress, gathering feedback, and implementing design updates to ensure alignment with business and user needs.
- **Served as Scrum Master for 13 weeks**, leading sprint planning, stand-ups, and retrospectives while experimenting with agile practices to improve team delivery and communication.
- **Implemented and updated automated UI tests** (C# with WinAppDriver) alongside feature development and refactors
- **Mentored and onboarded a new intern**, providing guidance on code architecture and development workflows, accelerating ramp-up and improving team productivity.

Zara | Sales and Stock Associate

Aug 2022 – July 2023

Projects

PAO Fashionz | Full Stack Website Developer (<https://paofashionz.ca>)

Apr 2025 – Aug 2025

- Working in a team of 3 to develop a custom Shopify storefront using Next.js; implemented Shopify Storefront API integration for real-time product data, integrated Sanity CMS for automated event updates, and contributing to frontend design with TypeScript and Tailwind to deliver a branded storefront with storytelling, a gallery, and seamless shopping.

Uni-ty | Frontend Web Developer & Frontend Sub-Team Lead (<https://uni-ty-fawn.vercel.app/>)

Jan 2024 – Apr 2024

- Created a full-stack web application which serves as a student community platform, seamlessly connects UCalgary students through buying, selling, and exchanging digital and physical items via an intuitive application. Built on Next.js, TypeScript, JavaScript, and Tailwind for the frontend, and Firebase with Firestore for the backend.

Extracurricular Activities

Muslim Students' Association | Khateeb (Sermon Preacher Director)

Oct 2025 – Present

- Working with Vice President, Islamic Affairs to coordinate and organize the weekly Jummah (Friday) congregational prayer for Muslims on campus
- Coordinating recruitment and training for eager Muslim brothers who would like to be Khateeb for future prayers

Tech Start UCalgary | Vice President Internal

Jul 2025 – Present

Student-run club where multidisciplinary teams collaborate on real software projects, combining entrepreneurship, design, and development to build tech solutions.

- Coordinating internal communications by managing email announcements, member notifications, and exclusive channels, ensuring timely and clear information flow across 70+ members.
- Organizing and facilitating executive and general meetings, including preparing agendas, handling logistics, and documenting meeting minutes to maintain compliance with Student Union (SU) regulations.
- Leading recruitment and onboarding processes for executive and project team roles, overseeing applications, interviews, and transition planning to build a strong and sustainable leadership pipeline.

NIDOA | Professional Dinner Committee - Food & Logistics Team Lead

Feb 2024 – Aug 2024

NIDOA (Nigerians in Diaspora Organization, Americas) unites Nigerians in the Americas to advance Nigeria's development through advocacy, networking, and collaboration.

- Researched and secured vendors (food, DJ, venue, etc.) for the event.
- Collaborated with committee members to manage event logistics, including guest lists and venue operations.
- Proactively resolved vendor and venue issues leading up to and on the day of the event, ensuring smooth operations.

- Co-led the initiative to develop the event theme, empowering team members to organize guest speakers and supporting activities.

Electrical and Software Engineering Students' Society | Academic Events Commissioner

Sep 2023 – Apr 2024

- Coordinated with VP Academic to help plan and host various academic-oriented events.

Edu-Dialect | Program Volunteer, Ambassador Manager, Vice President Student Affairs

Jan 2023 – Apr 2024

Volunteer-driven non-profit offering global educational opportunities through innovative English language programs and community initiatives.

- Vice President Student Affairs (Aug 2023 – Apr 2024): Recruited students, and volunteers for the program, managed and mitigated all issues that arose from all students during program administration.
- Ambassador Manager (Aug 2023 – Dec 2023): Researched on countries for program expansion. Contacted and communicated with other organizations and charities.
- 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 | Teaching Assistant

Feb 2018 – Mar 2020

- 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 (NCMCC) | Treasurer Assistant

Nov 2016 – May 2021

- Collected monthly dues using POS system from male side during monthly meetings, assisted in fundraising events.

Achievements & Awards

2024 Aktirak Award in Electrical or Software Engineering

2024, 2022 Dean's List – Schulich School of Engineering

2024, 2023, 2022 Jason Lang Scholarship

2022 Tony Neidermayer Memorial Bursary

2021 Alexander Rutherford Scholarship