

Kalista Singh

Contact

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Education

University of Alberta

B.S in Computer Science Honors

Edmonton, Alberta

2023 - Present

Skills

Technical skills: Python, SQL, MySQL, C, Javascript, React

Soft skills: Critical thinking, Problem solving, Communication, Teamwork, Multitasking, Detail oriented, Multitasking

Work Experiences

DiscoverE- University of Alberta

Edmonton, Alberta

Instructor

5/2025 - present

- Instructing engineering focused summer camp sessions for youth as part of DiscoverE.
- Promoting STEM engagement through hands-on projects.
- Prepared and organized materials, tools, and setups for daily engineering projects and experiments.
- Participated in inclusivity and cultural sensitivity training, including respectful engagement with Indigenous communities and use of inclusive language regarding gender and pronouns.

Leadership

Mission Space Walker

Edmonton, Alberta

Software co-lead

9/2024 - present

- Co-lead software development for a cyanobacteria bioreactor project selected for the Canadian Reduced Gravity Experiment Design Challenge (CAN-RGX).
- Program and test code for sensors, and system components, ensuring accurate data collection and performance.
- Oversee smooth integration of software with hardware systems.

AIESEC Edmonton

Edmonton, Alberta

Team Leader of Outgoing Exchange

10/2023 - 1/2025

- Implementing marketing strategies to recruit exchange participants.
- Administering applications, conducting interviews and assisting exchange participants in finding a suitable volunteer opportunity.

Other Experiences

Nat - networkforappliedtech

Edmonton, Alberta

Web developer associate

12/2024 - 5/2025

- Developing and designing software.
- Working with other members and collaborating on creating websites.

Nat - networkforappliedtech**Edmonton, Alberta***Event attendant Volunteer**11/2024 - 11/2024*

- Helped run small scale events and booths.
- Provide support to other volunteers and assist with event logistics.
- Helped with event setup the teardown.

Doha Modern Indian School**Doha, Qatar***House vice captain of student council**3/2021-3/2022*

- Organized multiple school events.
- worked with my team to share and brainstorm new ideas and projects for the school in biweekly student council meetings.
- Maintained the school spirit while guiding and encouraged the members of my team to participate in competitions and win house points.