

# Akshpreet Singh

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## EDUCATION

### University of Calgary, Schulich School of Engineering

September 2021 - Present | **Calgary, Canada**

- Bachelor of Engineering- Software Engineering (GPA:3.4/4.0)
- Dean's List (Year 2021 - 2022)

### The Senior Study II

Graduated July 2020 | **Amritsar, India**

- Subjects- Physics, Chemistry, Mathematics, English (94%)

## PROJECTS

### Wordle Game Clone, HTML, CSS, JavaScript

- A simple implementation of the popular Wordle game in HTML, CSS, and JavaScript. The game generates a random four-letter word, and the player has six attempts to guess the word by entering other four-letter words. The game will display a letter in green if it appears in the correct position in the secret word, in yellow if it appears in a different position, and in gray if it does not appear at all.

### Full Stack Python Application, Python, SQL

- Collaborated with a team of 3 students to develop a Full Stack Python Application for an art museum to maintain information about their art objects database. The application interfaces a database that we designed and created in MySQL to hold the required information, while the Python application was used for data entry, maintenance, and information retrieval.

### Python Based Data Analysis Tool, Python

- Collaborated with a team of 2 students to develop a python-based data analysis tool. Based on data with respect to the population and the threatened species in countries around the world. The application will fetch the data in the requested columns corresponding to the selection made. The largest and the smallest countries from your selection will be selected and a plot of the population through the years generated and shown as output with all the statistics.

## SKILLS

**Programming:** Python, C, C++, SQL, HTML, CSS, JavaScript

**Languages:** English, Hindi, and Punjabi

## CERTIFICATION AND AWARDS

### Schulich Leadership, Schulich School of Engineering

September 2022-Present | **Calgary, Canada**

- Learned foundational leadership, self-awareness, emotional intelligence, time management, and effective communication & teamwork.

### Schulich Entrepreneurship, Schulich School of Engineering

September 2022-Present | **Calgary, Canada**

- Entrepreneurial advancements and development in the field of technology and software.

## WORK EXPERIENCE

### Sponsorship Outreach, Schulich Space Rover Team

January 2023 - Present | **Calgary, Canada**

- Reach out to potential sponsors and establish mutually beneficial partnerships.
- Responsible for identifying potential sponsors, crafting sponsorship proposals, and negotiating sponsorship agreements.

### Team Lead Security Officer, GardaWorld

May 2022 - Present | **Calgary, Canada**

- Maintained daily logs of irregularities, report damage, responded to client emails, and led the team of 4 security officers.
- Worked with EMS, police, and Fire Department during emergency situations.
- Defused and resolved conflicts between vagrants and customers.

## LEADERSHIP EXPERIENCE

### Orientation Leader, University of Calgary

September 2022 | **Calgary, Canada**

- Coordinated and led a group of 30 first year students through their transitioning to the university environment.
- Helped the students explore the campus and resources.

## VOLUNTEER

### Mata Mohinder Kaur Memorial Trust, Amritsar

January 2018-January 2020 | **Amritsar, India**

- Actively worked for a Non-Governmental Organization which worked to provide infrastructure in various rural government schools, it also provides scholarships.