

# Rohit Kadhe

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## Education

### University of Calgary

2016-2021(Expected)

Candidate of Bachelor of Science, Electrical Engineering with a minor in Computer Science.

### Sir Winston Churchill High School

2013- 2016

High School Diploma

## Skills

### Programming languages

- Proficient: C, C++, MATLAB
- Familiar: Java, JavaScript, HTML, CSS, C#

### Technologies

- Node.js
- Express.js
- Git
- React

## Work Experience

### Eau Claire YMCA

June 2015 – August 2015

- Day Camp Counsellor a for a summer season.
- Planed and coordinated games for kids of different age groups while ensuring a safe environment.

## Technical Experience

### University of Calgary Schulich Off-Road Team

September 2017- 2018

- Competed internationally against other off-road vehicle teams.
- Worked primarily in the electrical team but assisted the mechanical team with car assembly.
- Worked on long range telemetry to acquire sensor data from the vehicle remotely.
- Assisted the electrical team to perform stress testing on the car frame using strain gauges.

### Calgary Hacks Hackathon

February 2018

- Developed a car safety system kit in a team of four using particle electron kit.
- Setup the microcontroller to send data to a provided IoT cloud-based platform.
- The kit reported engine temperature, speed and proximity alerts to an android app.
- Used temperature, accelerometer and distance sensors.

### Calculator

December 2017

- Implemented using Stack data structure in C++.
- Calculates expressions for positive integers. Checks for unbalanced parenthesis.

### Tic Tac Toe Game

September 2017

- Implemented in C# using Visual Studio
- Game functionalities are: keeping track of score of both players, resetting the score as well as the board.

## Volunteer Experience

### TELUS Spark Science Center

March 2015

- Assisted in managing a group of kids ages (6-8) and taught them how to animate using stop motion animation software in the Telus animator camp.