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   **Technologies**
- C, C++, Java   - SQL   - React
- Familiar: JavaScript, HTML, CSS, C#   - Git

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.