

Rohit Kadhe

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Education

University of Calgary

September 2016 - June 2022 (Expected)

- Bachelor of Science in Electrical Engineering candidate with a minor in Computer Science.

Sir Winston Churchill High School

September 2013 - June 2016

- High School Diploma.

Skills

Technologies: Git | Android | React |

Programming Languages: C | C++ | Java | Kotlin | C# | JavaScript.

Work Experience

Zephyr Sleep Technologies – Software Development Intern

June 2019 – Present

- Currently working on automating UI testing for the android application.
- Added automated unit tests for the android application which increased test coverage by 5%.

Eau Claire YMCA – Camp Counselor

June 2015 - August 2015

- Planned and coordinated play-based learning activities for kids of various ages.
- Facilitated a safe and positive learning environment for summer campers.

Projects and Extracurriculars

Inventory Management – ENSF 409 Final Project

April 2019

- Developed a multi-threaded client-server inventory management application in java.
- Used My-SQL database to store suppliers and items data.

University of Calgary Schulich Off-Road Team

September (2017 - 2018)

- Assisted our team which competed internationally against other teams.
- Worked primarily with the electrical team but assisted the mechanical team with car assembly.
- Worked on telemetry to acquire sensor data from the vehicle remotely using Arduino.
- Also helped the team to perform stress testing on the car frame using strain gauges.

CalgaryHacks – 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 application.
- It used temperature, accelerometer and distance sensors to report the alerts to the application.

Calculator – Personal Project

December 2017

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

Volunteer Experience

TELUS Spark Science Center – Summer Camp Volunteer

March 2015

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