Rohit Kadhe

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Education

University of Calgary   *September 2016 - June 2021 (Expected)*
- Bachelor of Science in Electrical Engineering candidate.
- Minor: Computer Engineering.

Sir Winston Churchill High School   *September 2013 - June 2016*
- High School Diploma.

Skills

Tools and Technologies: Git | Android | SQL Server | Microsoft Azure | Junit
Programming Languages: C | C++ | Java | Kotlin | C# | SQL

Work Experience

Zephyr Sleep Technologies – *Software Development Intern*   *June 2019 – Present*
- Improved testing infrastructure by integrating UI tests for the android app.
- Added features and bug fixes to the windows and android app to improve user experience.
- Developed a toggle mechanism for the android app to allow switching between which API the application communicates with to reduce risk of releasing the new version of the REST API.
- Refactored majority of the android app to prevent it from freezing when device goes to sleep.
- Improved the security of the windows 8.1 app using TLS 1.0 to use TLS 1.2 to make API calls.
- Improved the usability of the android app by fixing crashes due to double tapping of buttons.

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

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.

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.