Rohit Kadhe

ELECTRICAL ENGINEERING STUDENT

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Education

University of Calgary   *Calgary, Canada*
BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING CANDIDATE   *May 2021 (Expected)*
- Minor in Computer Engineering

Skills

Languages   Java | Kotlin | C++ | C | C# | SQL | .NET
Technologies Git | Android | SQL Server | Microsoft Azure | Junit | React

Work Experience

Zephyr Sleep Technologies   *Calgary, Canada*
SOFTWARE DEVELOPMENT INTERN   *June 2019 - March 2020*
- Collaborated in a team to develop Android and Windows applications used by thousands of patients to help diagnose Sleep Apnea
- Collaborated with colleagues on updating the legacy Windows 8.1 store app to work with the new API
- Developed a mechanism which enables developers to rollback to a previous API version in the event of a defective API release
- Improved testing infrastructure of the Android App by introducing UI tests to the testing suite
- Redesigned the navigation logic of the Android App to fix life cycle related issues causing crashes
- Performed numerous feature additions and bug fixes on Windows and Android applications

YMCA   *Calgary, Canada*
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

File Utility   *Calgary, Canada*
PERSONAL PROJECT   *September 2020*
- Created a utility to make searching, copying, moving and deleting of files within nested folders easier
- Has multiple search filters which allows customizable searches making finding files quick and easy
- Implemented in Java using the MVC design pattern

University of Calgary Schulich Off-Road Team   *Calgary, Canada*
ELECTRICAL ENGINEERING team member   *September 2017 - September 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   *Calgary, Canada*
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   *Calgary, Canada*
PERSONAL PROJECT   *December 2017*
- Calculates expressions for positive integers. Checks for unbalanced parenthesis
- Implemented using Stack data structure in C++