Rohit Kadhe

ELECTRICAL ENGINEERING STUDENT

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Education

University of Calgary   *Calgary, Canada*

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING CANDIDATE   *April 2021 (Expected)*

- Minor in Computer Engineering

Skills

Languages	Java	Kotlin	C++	C	C#	SQL	Javascript
Technologies	Git	Android	JIRA	Microsoft Azure	Junit	React	Express.js

Work Experience

Zephyr Sleep Technologies   *Calgary, Canada*

SOFTWARE DEVELOPMENT INTERN   *June 2019 - March 2020*

- Worked on the development of software used by thousands of patients to diagnose and perform Sleep Apnea Studies
- Worked on updating the legacy Windows 8.1 store app to work with the new API
- Redesigned the navigation logic of the Android App to fix life cycle related issues causing crashes
- Reduced risk of API release by developing a mechanism to allow developers to roll back to a previous API version
- Improved testing infrastructure of the Android App by introducing UI tests to the testing suite
- 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 an 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++