

Rohit Kadhe

ELECTRICAL ENGINEERING STUDENT

✉ rkadhe99@gmail.com | 🏠 rohitkadhe.github.io/porfoliosite | 🔗 rohitkadhe | in rohitkadhe

Education

University of Calgary

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING CANDIDATE

- Minor in Computer Engineering

Calgary, Canada

April 2021 (Expected)

Skills

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

Work Experience

Zephyr Sleep Technologies

SOFTWARE DEVELOPMENT INTERN

- 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

Calgary, Canada

June 2019 - March 2020

YMCA

CAMP COUNSELOR

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

Calgary, Canada

June 2015 - August 2015

Projects and Extracurriculars

Uofc Empty Course Seats Finder

PERSONAL PROJECT

- Automated the process of finding empty seats in courses at the University of Calgary using python
- The tool allows users to check multiple courses at once making it easy to use

Calgary, Canada

October 2020

File Utility

PERSONAL PROJECT

- 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

Calgary, Canada

April 2020

University of Calgary Schulich Off-Road Team

ELECTRICAL ENGINEERING TEAM MEMBER

- 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

Calgary, Canada

September 2017 - September 2018

CalgaryHacks

HACKATHON

- 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

Calgary, Canada

February 2018