Rohit Kadhe

ELECTRICAL AND COMPUTER ENGINEERING STUDENT

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Education

University of Calgary　　　　　　　　　　　　　　　　　　　　　　　　　　　*Calgary, Canada*
ELECTRICAL ENGINEERING WITH COMPUTER ENGINEERING MINOR　　　　　　　*April 2021 (Expected)*

- **Relevant Courses:** Data Structures and Algorithms | Operating Systems | Principles of Software Development (OOP) Embedded Systems | Digital Systems Design | Computer Organization

Skills

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

Music Transfer　　　　　　　　　　　　　　　　　　　　　　　　　　　*Calgary, Canada*
PERSONAL PROJECT　　　　　　　　　　　　　　　　　　　　　　　　*November 2020*

- Created a webapp that allows users to easily transfer multiple playlists between Spotify accounts
- Implemented the Front-end application using React.js
- Built a Rest server using Node.js and Express.js

Uofc Empty Course Seats Finder　　　　　　　　　　　　　　　　　　　*Calgary, Canada*
PERSONAL PROJECT　　　　　　　　　　　　　　　　　　　　　　　　*October 2020*

- 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

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