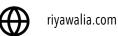
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rivawalia





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## **EDUCATION**

2B Computer Science Honours, Co-operative Program
Sept 2016 - Present, University of Waterloo, Waterloo, Canada

## **SKILLS**

Proficient in C++ | C# | Racket | HTML | CSS | Git | Lua | Bash

Familiar with C | SQLServer | PHP | NUnit | Selenium | Mog | JS

## **WORK EXPERIENCE**

January - April 2018

#### SOFTWARE DEVELOPER

Nuance Communications, Waterloo, CA

- \* Implemented a prerequisite check and installer tool.
- Implemented a C# WPF Diagnostic Tool to login and view broken references for that user.
- \* Actively participated in planning of further installer tools.
- Fixed defects found by teams worldwide that tested & used the tool.

# May - August 2017 QUALITY ASSURANCE (DEVELOPER)

CEL Division, University of Waterloo, Waterloo, CA

- Developed a C# application to import thousands of tickets to an SQLServer database that I designed from scratch.
- Solely developed a Selenium Project for an MVC .NET app to serve as a testing framework for future projects to expand on.
- \* Introduced team to Mog for unit testing.

#### May - July 2016

## FRONT END WEB DEVELOPER

Rikhi Ram Music, New Delhi, IN

- Developed and deployed a musician's website from scratch.
- Learned HTML, CSS, JavaScript on the job, as tasks required.

## **PROJECTS**

### **EASYEQUAL**

C#, NUnit

A deep equality comparison framework (individual project).

- Used reflection & generic types to generate deep equality comparison methods for all data types - including nested objects.
- Currently working on throwing detailed exceptions to aid during unit testing, and deploying as a NuGet package.

### **PATHWAYS**

HTML5, CSS3, Javascript, 3.JS

A web app that uses augmented reality to bring abstract maps to the real world (group project).

- Integrated in a media API to control the back camera of the device.
- In-charge of UI & UX.

### CONNECT

HTML5, CSS3, PHP

A web application that displays social media profiles in one profile, letting users easily network (group project).

- \* Learned PHP on the spot and facilitated file handling.
- Worked on UI & UX.

## **ACTIVITIES & AWARDS**

- \* Mentored at the UWaterloo HeForShe Hackathon'17.
- Participated in HackTheNorth'16, ElectricCity Hacks'16.
- Participating member of the UW Hip Hop Club 2017-2018.
- \* Taught underprivileged children in India mathematics and to read & write in English.
- Volunteered in a team to restore the parliament house in a flooded village.
- Trained as a semi-professional lyrical jazz dancer 2012-2016.
- Received the President's Scholarship of Distinction Award from UWaterloo for achieving an entrance average of 97.