RIYA WALIA

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EDUCATION

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

SKILLS

Proficient in   C++ | C# | Racket | HTML5 | CSS3 | Git
Familiar with   C | SQLServer | PHP | NUnit | Selenium | Moq | JS

WORK EXPERIENCE

January - April 2018   **SOFTWARE DEVELOPER**
                              Nuance Communications, Waterloo, CA

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 using NF3.
* 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 Moq 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.
* Changed design in iterations as per client requirements.
* 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

* Volunteer Mentor at the UWaterloo HeForShe Hackathon'17
* Participant of HackTheNorth'16, ElectricCity Hacks'16
* Member of UW Hip Hop Club
* Trained as a semi-professional lyrical jazz dancer 2012-2016
* President's Scholarship of Distinction Award from Uwaterloo
* Received The Distinguished Writing Award for National Genius Writing Contest 2014