



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 | Moq | 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 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.
- * 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.