

Riya Walia

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EDUCATION

UNIVERSITY OF WATERLOO

3B COMPUTER SCIENCE, CO-OP
ENGLISH MINOR

Awarded the President's Scholarship
of Distinction Award

PROJECTS

EASY EQUAL

A deep equality comparison C#
library to aid unit tests

CONNECT

A networking web app that lets
users 'connect' on multiple social
media profiles with anyone in earshot
with a single click.

COMPILER

A compiler & assembler developed
from scratch for a subset of C++

DRY DEBUG

A logger that helps you debug by
documenting a list of errors thrown
and the related code changes
made to fix them

PATHWAYS

A web app that uses AR to bring
abstract maps to the real world

UNBEATABLE TIC-TAC-TOE

An unbeatable game developed to
learn React

SKILLS

PROFICIENT IN

C++ • C# • C • Python
Racket • Git • Lua • Bash
CSS • HTML • Powershell

FAMILIAR WITH

SQLServer • React • JS
Material-UI • PHP • Moq
NUnit • Selenium

EXPERIENCE

KOFAX | SOFTWARE DEVELOPER

Jan 2019 - April 2019 | Waterloo, ON

- Increased reliability & efficiency of behave-driven tests by 50% & 30% each
- Implemented performance based load tests using multi-threading
- Contributed to the Security Framework in an agile team

NUANCE | SOFTWARE DEVELOPER

Jan 2018 - April 2018 | Waterloo, ON

- Developed a prerequisite check and installer tool
- Implemented a C# WPF Diagnostic Tool for broken clients and services
- Fixed defects in an agile team found by testers worldwide that used the tool

CEL, UWATERLOO | QA WEB DEVELOPER

May 2017 - Aug 2017 | Waterloo, ON

- Implemented a C# app & designed an SQLServer database to import thousands of email tickets
- Developed a Selenium testing framework for MVC .NET apps single-handedly
- Introduced team to Moq for unit testing & established a documentation standard.

RIKHI RAM MUSIC | FRONT END WEB DEVELOPER

May 2016 - July 2016 | New Delhi, India

- Deployed, developed and designed a musician's website solely from end to end.

CLUBS & SOCIETIES

PRESIDENT | GAMMA IOTA SIGMA UW CHAPTER

Jan 2019 - April 2019

GIS is an international insurance professional fraternity with 85+ chapters

- Led an executive team of 12 working to establish the first Canadian chapter
- Established an agile-like communication and issue tracking structure
- Organized events to facilitate student interest

DEVELOPER | UW ENTREPRENEURSHIP SOCIETY

Jan 2019 - Present

- Developing a React app to connect students to available projects they can work on.

TEACHER | TECHNOVATION WATERLOO

Jan 2019 - April 2019

- Taught two teams of four 13-year old girls event-based programming
- Mentored the teams through the end to end process of researching, designing and developing an Android app

ACTIVITIES

- **Mentored** at the UW HeForShe Hackathon 2017 & StarterHacks 2019
- **Hacked** at Hack The North 2016, Electric City Hacks 2016
- **Volunteered to teach** underprivileged children in India how to read & write in English and Math
- **Volunteered** in a team to restore houses of a flooded village
- Trained as a **professional jazz dancer** from 2012 to 2016
- Member of the **UW Hip Hop Club** from 2017-present.