

SKILLS

PROFICIENT IN

C++ • Python • C • C#
Cucumber • Behave
Racket • Git • Lua • Bash
CSS • HTML • Powershell
NUnit • XUnit

FAMILIAR WITH

SQLServer • React • JS
Material-UI • PHP • Moq
Selenium • Cassandra • Jenkins

EDUCATION

UNIVERSITY OF WATERLOO

3B COMPUTER SCIENCE, CO-OP
ENGLISH MINOR, CLASS OF 2021

- President's Scholarship of Distinction Award

ACTIVITIES

HACKATHONS

- Hacked at Hack The North & Electric City Hacks
- Mentored at Starter Hacks & UW HeForShe Equithon

VOLUNTEER WORK

- Taught underprivileged children in India how to read & write
- Restored damaged houses in flooded villages

UW CLUBS

- Developer for Entrepreneurship Society
- Programming teacher for UW Technovation

DANCE

- Professional Jazz dancer
- Member of the UW Hip Hop Club

EXPERIENCE

SOFTWARE DEVELOPER | NUANCE DOCUMENT IMAGING

Jan 2019 - Present | Agile

- Developed key features of the security framework to update & delete datacenters using C# & Cassandra
- Led a workshop on Python & behaviour driven development to train the team
- Rewrote the BDD Python test framework to increase reliability by 90% & reduce running times by 50%
- Implemented graceful shutdown & health check endpoints in C++ web clients to reduce calls by 30%
- Introduced integration tests in the Jenkins pipeline

SOFTWARE DEVELOPER | NUANCE COMMUNICATIONS

Jan 2018 - April 2018 | Agile

- Developed a prerequisite check & installer tool used globally
- Implemented a C# WPF diagnostic tool for broken clients & services using the Observer's design pattern
- Collaborated with teams globally to ensure a standardized look for all installers

QA WEB DEVELOPER | CEL, UWATERLOO

May 2017 - Aug 2017

- Implemented a C# app & designed an SQLServer database using 3NF to import 1000s of email tickets
- Developed a Selenium testing framework for MVC .NET apps
- Introduced team to Moq to ensure proper unit testing & established a documentation standard.

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 to start establishing the first Canadian chapter
- Streamlined communication & tasks by establishing an agile-like structure

WEB DEVELOPER | RIKHI RAM MUSIC

May 2016 - July 2016

- Independently deployed, developed & designed a musician's website.

SIDE PROJECTS

EASY EQUAL | C#, NUNIT

A deep equality comparison C# library to aid unit tests & help developers avoid long, repetitive equality definitions

- Used reflection to generate deep equality comparison methods
- Compatible with all data types including nested objects

ENTREPRENEURS' DATABASE | REACT, MATERIAL-UI

An app to help connect developers & designers to startups & projects

- Developed individual project pages using React
- Developing the app as a part of the developer team of Entrepreneurship Society