

MOHID QURESHI

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EDUCATION

Carleton University - Bachelor of Computer Science Co-op

- Third Year Undergraduate, CGPA 11.3/12(A)
- 2019 Dean's Honor List
- Expected Graduation April, 2021

AVAILABILITY

- Available for 4 months beginning May, 2020

WORK EXPERIENCE AND TECHNICAL PROJECTS

Environment Canada, Full Stack Web Developer - ASP.NET MVC, Javascript, VUE.js May 2019-

- Worked on a new web framework that is utilized by all Government of Canada teams to help aid in making web applications Aug 2019
 - Developed custom UI controls such as, file uploading, date/time pickers, and pop up windows alongside validation protocols for each control using JQuery validation plugin
- Worked on the NPRI web query tool which provides data about pollutant releases via REST API's and SQL databases
 - Created search parameter validation logic when querying the data
 - Developed settings for downloadable queried data sets for csv, html and pdf formats
 - Implemented compatibility with all major web browsers

Carleton University Teaching Assistant - Mobile Application Development

- Managed tutorials and office hours where I mentored students by providing in depth knowledge on course material Jan 2019-Apr 2019,
- Worked closely with instructors to develop tutorial assignments catered to concepts that the class collectively struggled with Jan 2020-Apr 2020

Experience with Android development using Java and IOS development using Swift

- Published a tax calculator on Google Play Store with 2700 downloads, last updated during August 2018
- Developed a maze solver using shortest path algorithms, where users can create their own maze through the UI and the app will show the paths to solve it
- Created an interactive projectile motion simulator on IOS using Swift which allows users to have full control of the environment through the use of drag and drop

Proficient with Javascript(NodeJS), ExpressJS and HTML/CSS to build web applications

- Developed a real time curling application using Javascript/Node.JS by implementing socket.io, allowing users to play each other and spectate live games
- Built a web application that parses chordpro format text files, allowing users to edit, compose and save new lyrics by using Javascript

Experience in working with JSON/XML data, RESTful API's, MongoDB and SQL

Proficient in Java, C, C++, C# and Python

- Developed Atari's Arkanoid and Asteroid using Java and integrated File I/O to store user data
- Built an encryption/decryption tool by implementing caesar cipher using Python