Mohid **Qureshi**

Mississauga, Ontario, Canada

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Education

Carleton University *Ottawa, Ontario*

Bachelor of Computer Science Co-op **Sep. 2017 - PRESENT**

- Fourth Year Undergraduate, **CGPA 11.0/12 (A)**
- 2018, 2019, 2020 **Dean's Honor List**

Skills

Languages	JavaScript, Python, Java, SQL, MongoDB, C#, HTML/CSS
Technologies	NodeJS, ExpressJS, ReactJS, Bootstrap, Android Development, AWS, EC2, Docker, Git

Experience

Versaterm Inc | Software Developer Co-op *Ottawa, Ontario*

NodeJS, SQL, JavaScript, HTML, Bootstrap **May. 2020 - Sep. 2020**

- Developed a Microsoft Word Add-In that **automates** the process of filling out Police forms via the **Word Javascript API**
- Add-In allows creation custom forms that can be later filled out with dynamic incident report data automatically
- Created an internal web application that showcases all Versaterm employees Microsoft Teams presences in realtime in order to increase intercommunication between employees whilst WFH
- Used **Microsoft Azure** to register the web application in order to authenticate users and request permissions for employee data (ie, Teams status)

Environment Canada | Full Stack Web Developer Co-op *Gatineau, Quebec*

ASP.NET MVC, VueJS, SQL, C#, HTML/CSS **May. 2019 - Aug. 2019**

- Worked on a web framework that is **utilized by 50+ Government of Canada Departments** to help aid in making web applications
- Developed **custom UI controls** such as, file uploading and date/time pickers alongside validation protocols for each control
- Worked on the **NPRI web query tool** which provides data about pollutant releases
- Created search parameter validation logic when querying the data
- Developed settings for downloadable queried data sets for csv, html and pdf formats

Carleton University | Teaching Assistant *Ottawa, Ontario*

Python, Java, Android Development, Swift, IOS Development **Jan. 2019 - Present**

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

Projects

Search Engine + Web Crawler

NodeJS, ExpressJS, MongoDB, ElasticLunr, AWS EC2, Docker

- Built a **Search Engine** using scraped data from wikipedia and Carleton related websites
- Search algorithm and data indexing built using **Google's Page Rank** algorithm and ElasticLunr
- Hosted on **AWS EC2 instance** where NodeJS server is built within **Docker Containers**

Full Stack Youtube-MP3 Converter

NodeJS, ExpressJS, ReactJS, BootStrap, AWS EC2

- Developed and hosted server that converts Youtube videos to MP3 file, via REST API on an **AWS EC2 instance**
- Built Frontend using **ReactJS** and BootStrap that utilizes the corresponding REST API to convert & fetch the MP3 files

Android NBA GameTime Application

Java, SQLite, REST API's

- Published an **NBA** scores app that showcases **live scores** of each game
- Notifies users when games are close or by user set preferences

Android Sales Tax Calculator

Java, SQLite, REST API's

- Allows users to calculate sales tax by Canadian Province, through an elegant UI
- Published app on the Google Play Store with **3600+ downloads**