Mohid Qureshi

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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

Programming   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 new web framework that is utilized by all Government of Canada teams 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 using JQuery validation plugin
- 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

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

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