

Usman Siddiqui

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Education

University of Toronto

Bachelor's of Science in **Computer Science**, Co-op

2016 - 2021

Specialization in Software Engineering Stream

Relevant Course Work: Data Structures & Algorithms, Software Engineering/Design, Systems Programming, Network Security

Expected Graduation: April 2021

Skills

Languages : Python, Java, Typescript, JavaScript, C

Web/Frameworks : Angular, React, React Native, HTML, CSS, Node.js, Express

Tools/Technologies : Git, Linux, Docker, Bash, MySQL, Android, NeDB

Experience

Software Developer Co-op | Blackberry

June 2020 – December 2020

- Coming Soon

Software Developer Co-op | Ontario's Ministry of Education

Jan 2019 – August 2019

- Developed a full-fledged web application for business Analysts using **Angular**, Typescript, Node.js & Material design
- Designed features in an **Agile** environment following Google's **Material design principles** and ensuring that the application was responsive, mobile friendly and had an intuitive layout
- **Reduced page load times** by 30% by upgrading the web-framework from basic HTML and JavaScript to Angular 6 and minimizing the number of calls being made to the API
- Implemented **over 20+ features** and **fixed over 30+ bugs** reported by the QA team including accessibility compliance and issues in the web applications components

Automation Developer Co-op | International Financial Data Services (IFDS)

May 2018 – August 2018

- Developed various automation tools in Java to **remove manual work by 100%** and lower labor costs
- **Improved one of the automation applications runtime** by using Hash Tables and removing nested loops in the application
- Created automated test scripts from functional requirements and modified manual cases to ensure the application was working as planned

Projects

Github github.com/usman98789

Lift Logs | An app to create and track workouts easily

March 2020

- Using React Native developed features such as starting a workout, creating routines and a profile screen where user can sign up/sign in
- Researched and learned quickly about Expo AR kit to use augmented reality to display exercises
- Connected front end components with backend to display user information with logging of previous exercises performed

My Voice – UofT Hacks | Communication app to translate hand gestures to voice for the mute

January 2017

- Implemented features for hand gestures in Python using Leap Motion Sensor's API to accurately track the data
- Designed features to use Text-to-Speech Module and the Amazon Echo to allow the hand gestures to be translated to voice
- Collaborated within a group of 5 where we brainstormed, created and debugged the application in a span of **48 hours**

Volunteer

Hack the Valley | Volunteer at hackathon

January 2017

- Volunteered with Microsoft to help them setup their booth and took initiative to answer their questions
- Mentored and answered any programming/technical questions from hackers to assist them in continuing to compete
- Strengthened client facing skills by ensuring hackers were following rules and regulations to guarantee there were no conflicts or safety issues