Maah Asghar

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Project Experience

Back-End Developer @ RBC's Next Great Innovator Hackathon (3ʳᵈ Place Winner)

Sept 2019 // Toronto, ON

▹ Created a non-profitable website that allowed users to donate their items using virtual currency
▹ Website is a step taken towards the sustainable environment by reducing over-production and eliminating pollution
▹ Website was created via using tools like eclipse, HTML, JavaScript, and CSS

Back-End Developer @ HackHarvard 2019 Hackathon

Oct 2019 // Cambridge, MA

▹ Created an android app using Java and Android Studio used to assist people with hearing impairment
▹ Program converted a series of images, into text and then to speech
▹ Functionality was achieved by using tools like Google APIs, and peer-to-peer network

Web Developer @ CS3319 – Introductory Course to Databases

Sept – Dec 2019 // London, ON

▹ Created a website for an animal hospital that records information of clients, and their pets.
▹ The client-side of the website was created using HTML, CSS, JavaScript and the database was programmed using PHP, and MySQL

Game Developer @ CS3307 – Introductory course to OO Design and Analysis

Sept – Dec 2019 // London, ON

▹ Created retro-maze games that allowed two players to play against each other. Player 1 must find the exist before Player 2 catches it
▹ This game was developed using tools like UML, C++, Flyweight design pattern, and Visual Studio.
▹ Project followed Agile methodology, and project management tools like Jira Software, and GitHub were used to supervise the project throughout the semester

Other Experience

Assistant Teacher (Paid) @ Louise Arbour F.I Public School

July 2018 // London, ON

▹ Assisted class teacher with planning lessons, providing input to strengthen delivery of concepts
▹ Worked with students, one-on-one, evaluating their individual comprehension level and communicating concepts accordingly.
▹ Formed a comfortable and approachable environment to allow students to seek extra help when required.

Volunteer Library Assistant @ Sir Frederick Banting Secondary School.

Nov – Dec 2016 // London, ON

▹ Quickly adapted to feedback, which include introducing new services, and terminating services that no longer serve.
▹ Effectively managed limited time to accomplish all assigned tasks, which included gathering all requested books, re-stamping sign-out cards, and accurately re-shelving books

Education

The University of Western Ontario

2017 – Present // London, ON

Bachelor of Science, Specialization in Computer Science.
Minors in Software Engineering.

Skills

Programming Languages

React, NodeJs, JavaScript, HTML, CSS, Java, Python, R, PHP, C/C++, Unix, Assembly, MySQL

Tools & Platforms

Git, NPM, WinSCP, Jira, Eclipse, Android Studio, R Studio, Oracle, Windows, MacOS

Proficient In

Linear Algebra, Data Analysis, UML, Computer Networks, Data Structures and Algorithms, Object-Oriented Programming, Discrete Mathematics, Design Patterns, Software Development Life Cycle (SDLC), and Statistics.

Leadership

Supervised Anti-Bullying P.A.L.S Program in school

Organized Halloween Party for students with disabilities at St. Columba Catholic School

Interests

Sketching/Painting, Swimming, Traveling, Dancing, Reading.