maryyamNiazi

Computer Science Student

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Technical & Work Experience _____

05/2019–*Present*
(10 mos)

Full Stack Developer — *Internship*
- Examine, design, and implement web-based applications
- Address and suggest solutions for business application requests
- Complete DBA tasks (creating new SPs, Views, Tables; maintaining databases; query optimization)
- Troubleshoot submitted maintenance and setup tickets for tech support
- Hone skills in C#, JavaScript, .NET, SQL Server, Telerik and DevExpress controls, classic ASP, VBScript, etc.

01/2019–04/2019
(4 mos)

Software Development Course (Lvl II) — *Teaching Assistant*
Responsible for leading tutorials, preparing and reviewing assignment solutions and tutorial content, and marking assignments for McMaster University's COMPSCI 2ME3/SE 2AA4 course.

04/2018–08/2018
(5 mos)

Drasil Project — *Research Internship*
- Rehired to mentor new recruits on use of technology and tools
- Led effort in implementing a referencing infrastructure in Drasil
- Updated conventional documentation of case studies
- Created contributor's guide for future contributors to the project

02/2018–04/2018
(3 mos)

SafeDriver Application — *Programming Project*
Developed an app following SCRUM framework that identifies accident-prone streets along driving routes in New York based on a dataset of previous car crashes, with personal focus on back-end development & design documentation.

05/2017–08/2017
(4 mos)

Drasil Project — *Research Internship*
Held responsibility for a Glass Breakage software case study
  – implementation and critique of design documents
  – maintained consistency between HTML and LATEX versions of scientific software documentation
- Extracted patterns between own case study and others for design enhancement
- Extracted patterns between case studies for design enhancement

10/2017

MacOutreach Program — *Volunteer*
Taught children from grades 2-5 about the importance of computer science in the world & some basics of computational thinking (e.g. binary notation, using matrices, etc.).

08/2016–10/2018
(2 yrs 3 mos)

Naz Fashion Bug — *Part-Time Sales Associate*
Implemented and managed an organization system for the boutique, managed cash register, inventory tracking, and provided customer assistance.

Education _____

Bachelor of Applied Sciences – Level 4 (Honors Co-Op) Computer Science — *McMaster University*
Cumulative GPA: 3.8/4.0
Deans' Honours List

Tools & Technologies _____

Python, Haskell, C++, JavaScript, Java, HTML, C#, SQL, LaTeX, .Net, C#, Telerik and DevExpress, ASP, VBScript, Git

Current Courses _____

Databases, Algorithms & Complexity, Information Security, Web Systems & Web Computing, Capstone

Awards _____

Golden Key International Honour Society Member, Placed 2nd overall at ElleHacks

References available upon request.