Kamal Aslam

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EDUCATION

UNIVERSITY OF TORONTO
B.Sc Math and Computer Science
May 2018 | GPA: 3.24/4.0

COURSEWORK

UNDERGRADUATE
Fundamentals of Software Engineering
Machine Learning and Data Mining
Ideas of Mathematics
Operating Systems
Algorithm Design and Analysis

SKILLS

PROGRAMMING LANGUAGES
C • Java • C# • MatLab • JS, HTML, CSS, PHP, Angular 4 • Python • SQL

TOOLS AND PLATFORMS
Bash • Git • Postman • MatLab • MySQL

SDLC
Scrum • Agile

EXPERIENCE

FULL STACK DEVELOPER | Advanced Micro Devices
June 2016 - August 2018 | Markham, ON
- Developed and implemented complex Internet and Intranet applications on multiple platforms.
- Provided continued maintenance and development of bug fixes and patch sets for existing web applications.
- Implemented company policies, technical procedures and standards for preserving the integrity and security of data, reports and access.
- Consistently met deadlines and requirements for all production work orders.
- Recommended architectural improvements, design solutions and integration solutions.

UNDERGRADUATE TEACHING ASSISTANT | Department of Computer Science, University of Computer Science
Jan 2016 – May 2016 | Mississauga, ON
- Assistant to Dr. Larry Zhang.
- Tasks included leading weekly discussion sessions, weekly course preparation, holding office hours and grading assignments.

MATHEMATICAL AND COMPUTATIONAL SCIENCES VP | Department of Computer Science, University of Computer Science
2014 - 2015 | Mississauga, ON
- Held and organized events with attendance up to 50 student.
- Organized meetings and logistics of events
- Worked in collaboration with university staff to provide a community for Computer Science and Math students

PROJECT EXPERIENCE

Java MockFile System
Coursework Project | University of Toronto
Implemented a File System with text files and folders using the core concepts of OOP and system design. Built linux directory commands to operate on the files and folders such as ls, cd, grep, mkdir, cat, and rm.

MazeRacer - Javascript Maze Puzzle
Coursework Project | University of Toronto
A multiplayer mobile web game played with motion detectors in phone. Users connect to server using phones and compete to solve the maze first.

Kernal Programming
Coursework Project | University of Toronto
A linux kernal module that creates a custom system call to monitor the specified process and which system calls it is using.

ACADEMIC AWARDS

- **Dean's Honor List**
Apr 2014 | University of Toronto | Toronto, ON
- **Graduation with Distinction**
May 2018 | University of Toronto | Toronto, ON