

# 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 TORONTO

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 TORONTO

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 kernel 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