

# Mohammad Faham

Khan

khan6210@mylaurier.ca | 647 778 5935

## EDUCATION

### WILFRID LAURIER UNIVERSITY

BSc HONOURS COMPUTER SCIENCE

PROFESSIONAL EXPERIENCE

PROGRAM

Expected To Graduate April 2018

## SKILLS

### PROGRAMMING

Experienced:

Java

Python

C

HTML/CSS/JavaScript/nodeJS

BASH

Familiar:

C++

### TOOLS/APPLICATIONS

Eclipse

MATLAB

### OPERATING SYSTEMS

Windows

Linux

UNIX

macOS

## COURSEWORK

Computer Security

Cryptography

Object Oriented Programming

Software Engineering

Data Structures

Android Programming

iPhone Programming

Algorithms

Cryptography

AI

Computer Networks

## LINKS

LinkedIn:

<https://www.linkedin.com/in/fahamkhan/>

## WORK EXPERIENCE

### IBM | CLOUD DEVOPS TECHNICAL ANALYST INTERN

May 2016 – August 2017 (Fulltime),

September 2017 – present (Part Time) | Markham, ON

- Managed numerous systems such as Jumpbox and Softlayer where I automated the account creation process to cut down wait time from 1-2 days to 10 min. Implemented symmetric encryption in order to secure data that was being transferred through the network
- In charge of a multitude of servers where I was tasked with maintaining/updating security protocols
- Created a step and weight tracking application using Bluemix apps and Fitbit API, which the marketing team took and created a video ad that is now shown to customers. Encrypted data in order to maintain customer privacy
- Improved automation and efficiency for multiple Bluemix services such as Streaming Analytics, Watson Machine Learning, Bluemix Containers (Kubernetes), DB2 On Cloud.
- Technical OPS Lead for Watson Machine Learning, responsible for innovating new ways for the team to keep the uptime near 100%.
- Technical focal for the SQL to DashDB migrations, tasked on working with clients like Ford and Manulife, and reduced the migration time by at least 40%

### EFLYN | SOFTWARE DEVELOPMENT INTERN

April 2015 – August 2015 | Mississauga, ON

- Primarily tasked with creating web applications for kiosks, and communicating with customers when setting up their kiosks.

## PROJECTS

### JOTTER

Web App

- Note sharing application for students, where the user can create/join their class page and upload/download notes from specific days.

### SPOTTED@

Android Application

- On-line forum application where users can anonymously share stories and events happening locally
- Security implementations to ensure users could not be identified in case of unauthorized data breach

## AWARDS

### IBM TEAM OTAA AWARD - 2017

- Awarded to the top performing engineers in the organization

## EXTRACURRICULAR

### IBM FUTURE BLUE INTERN CLUB | PRESIDENT

September 2016 – August 2016 | Markham, ON

- Lead 30 other interns to create a unique experience with events and opportunities for over 400 interns across Canada.