

TANVIR PATHAN

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EXPERIENCES

Jan/2016
April/2016

CONNECTED LABS

Quality Assurance Engineer

- Tested a variety of different software applications and hardware devices, using multiple platforms including iOS, tvOS, Android and Web
- Wrote test scripts using Selenium Web driver and Calabash Android in order to automate web and app testing that adhered to the business requirements
- Gained experience in API testing for web applications through utilizing Swagger's framework
- Gained experience with using bug tracking software in Pivotal Tracker and Bugzilla

Mar/2015
Aug/2015

OBERO SOLUTIONS

Quality Assurance Manager

- Created Obero Solutions web application testing system; Each new build was tested for bugs and checked for business requirement guidelines after every sprint
- Created Obero Solutions Business Requirement and Build Release documentations for their Incentive Compensation Management web application
- Worked closely along side clients and the primary development team from which I gained valuable work, communication and leadership experience

Jan/2015
April/2015

UNIVERSITY OF WATERLOO

Android Project

- Working in Eclipse to create small android applications using sensors (Created a pedometer for a project)

May/2013
Nov/2013

SUDDENLY OPPORTUNITIES ARE REACHABLE CONFERENCE

Technical Executive

- Designed multiple posters and videos using digital software
- Set the Audio/Visual hardware that were used for guest speakers and presentations



PERSONAL PROJECTS

Jan/2016
Present

BOP-IT!

Designed and recreated the game of BOP-IT! on the iPad

- Used OBJ-C to create a reaction based game involving UIGestureRecognizer, SpriteKit Particle Emitters and Facebooks POP Animation Engine
- Project Site: github.com/tanvirpathan/Bop-It

Dec/2014

PERSONAL WEBSITE

A web development project

- Learned basics of HTML, CSS and jQuery in order to create a responsive website originally designed in Adobe Photoshop
- Website URL: tanvirpathan.github.io



QUALIFICATIONS

TECHNICAL

- Programming languages learned from university include Java, C#, C++, VHDL and ARM Assembly Programing
- Moderate skills in HTML, CSS, jQuery, SQL, OBJ-C were gained from personal projects and interests
- Highly experienced with Microsoft Office (primarily Word, Excel and Powerpoint) and with graphic design (Adobe Photoshop)
- Highly comfortable in working with different operating systems (OSX, Windows, iOS, Android)

SOFT SKILLS

- Experienced with the Sprint methodology in an agile development environment
- Experienced in working with multiple projects at the same time



EDUCATION

Sept/2014
Present

PROGRAM

University of Waterloo

- Candidate for Bachelor of Applied Science; *Electrical Engineering*
- **Algorithms and Data Structures;** Learned various efficient sorting and graphing algorithms along with multiple data structures
- **Engineering Design with Embedded Systems;** Studied SDLC and Android (java) development
- **Digital Circuits and Systems;** Experience with Altera FPGAs, along with state machines and VHDL programming

July 2014

AWARDS

University of Waterloo

- President's Scholarship of Distinction