Tanvir Pathan

LINKS

Github:// **tanvirpathan**
LinkedIn:// **tanpat**
Website:// **tanvirpathan.github.io**
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Number:// **(647) 983-2646**

SKILLS

PROGRAMMING

Java • C# • AngularJS • Matlab
C++ • Obj-c • Ruby •
HTML • CSS • Assembly

TOOLS/FRAMEWORKS

Git • Cordova • Ionic • Travis-CI
Xcode • Android Studios • Calabash
Selenium WebDriver • Jenkins

EDUCATION

UNIVERSITY OF WATERLOO

Candidate for Bachelor of Applied
Science in Honours Electrical Engineering
Expected April 2019 | Waterloo, ON

COURSEWORK

Algorithms & Data Structures
Embedded Systems Design
Digital Circuits and Systems
Discrete Mathematics

AWARDS

July 2014 | President's Scholarship
of Distinction

ACTIVITIES

Table Tennis, Basketball, & Hearthstone.
Participated in various conferences
to gain strong leadership and
management qualities.

EXPERIENCES

BAZAARVOICE | Software Automation Developer

Sept 2016 – Dec 2016 | Austin, TX

- Created Cordova based hybrid mobile application and SDK plugin for iOS and Android
- Used the Ionic framework to design and develop the UI
- Wrote cross platform automated tests using Calabash for the mobile application which integrated with Travis-CI for continuous integration testing
- Open sourced the project (**github.com/bazaarvoice/cordova-plugin-bvsdk**)
- Published a blog post on hybrid mobile development (**https://blog.developer.bazaarvoice.com/2017/01/03/**)

CONNECTED LAB | Quality Assurance Engineer

Jan 2016 – Apr 2016 | Toronto, ON

- Tested a variety of software applications and hardware devices, on platforms including iOS, tvOS, Android and Web
- Wrote test scripts using Selenium WebDriver and Calabash Android to automate web and app testing
- Used the Swagger framework for API testing for web applications

OBERO SOLUTIONS | Quality Assurance Manager

Mar 2015 – Aug 2015 | Vaughan, ON

- 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

LEARNA | Math/English Tutor

Nov 2011 - May 2013 | Brampton, ON

- Tutored children from ages 5-12 in both Math and English, which provided me the opportunity to work alongside teachers from which I gained valuable leadership and communications skills.

PERSONAL PROJECTS

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

Jan 2016 – May 2016

- Project Site: **github.com/tanvirpathan/Bop-It**
- Used Obj-c to create a reaction based game involving UIGestureRecognizers, SpriteKit Particle Emitters and Facebook's POP Animation Engine

PERSONAL WEBSITE | A web development project

Dec 2014 - Dec 2016

- Project Site: **tanvirpathan.github.io**
- Used HTML, CSS and JavaScript in order to create a responsive website originally designed in Adobe Photoshop

PEDOMETER | Developed a pedometer for Android

Jan 2015 – Apr 2015

- Worked in Java and Eclipse to create a small android application that tracked steps that detected walls using sensors