tanvir pathan

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

LINKS

Github:// **tanvirpathan**
LinkedIn:// **tanpat**
Website:// **tanvirpathan.github.io**
Email:// **tpathan@uwaterloo.com**
Number:// **(647) 983-2646**

ACTIVITIES

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

EXPERIENCE

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 (link)

CONNECTED LABS | 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
- Gained experience in API testing for web applciations through utilizing Swagger's framework

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

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 Facebooks POP Animation Engine

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

PERSONAL WEBSITE | A web development project
Dec 2014
- Project Site: tanvirpathan.github.io
- Learned HTML, CSS and basics of jQuery in order to create a responsive website originally designed in Adobe Photoshop