Tanvir Pathan

LINKS

Github:// **tanvirpathan**
LinkedIn:// **tanpat**
Website:// **tanvirpathan.github.io**
Email:// **tanpat13@gmail.com**
Number:// **(647) 983-2646**

SKILLS

PROGRAMMING

Java • C# • AngularJS • Matlab
Rails • Obj-c • Ruby • Python
HTML • CSS • React • Redux

TOOLS/FRAMEWORKS

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

HARDWARE

FPGA Boards • Circuits
Oscilloscopes

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
Electrical Properties of Materials
Electronic Devices
Analog Control Systems
Discrete Mathematics

ACTIVITIES & AWARDS

• Feb 2018 | 2nd place at TribalScale
hackathon
• July 2014 | President's Scholarship
of Distinction
• Participated in the Google games,
various conferences and hackathons
to gain strong leadership and
management qualities.

EXPERIENCES

TRIBALSCALE | Software Developer

Jan 2018 – present | Toronto, ON
- Building web application components and features with React/Redux and Rails

MITRE MEDIA | Full Stack Developer

May 2017 – Aug 2017 | Toronto, ON
- Implemented various front-end (HTML, CSS, JS)/back-end (Ruby, PHP) features, speed optimizations and bug fixes across 3 Rails sites
- Wrote and optimized algorithms for sidekiq workers to update large amounts of data daily
- Converted PHP pages to Rails sites to increase user interactivity by 22%
- Built a chrome extension to help centralize daily company activities and documentations

BAZAARVOICE | Software Developer

Sept 2016 – Dec 2016 | Austin, TX
- Created Cordova based hybrid mobile app and SDK plugin for iOS and Android
- Used Ionic and AngularJS to create front-end UI and back-end services
- Wrote cross platform automated tests using Calabash for the mobile application which integrated with Travis-CI for continuous integration testing
- Open sourced the project (**git.io/vQYXA**) and published a blog post on hybrid mobile application development (**goo.gl/MwL2Z8**)

CONNECTED LAB | Quality Assurance Engineer

Jan 2016 – Apr 2016 | Toronto, ON
- Developed test scripts using Calabash/Cucumber for automated mobile application testing
- Used the Swagger framework for API testing for web applications
- Tested software and hardware devices on platforms including iOS, tvOS, Android and Web

OBERO SOLUTIONS | Quality Assurance Engineer

May 2015 – Aug 2015 | Vaughan, ON
- Developed test scripts using Selenium WebDriver and wrote business requirement documentations

PERSONAL PROJECTS

CHILLBOT | github.com/tanvirpathan/chillbot

Feb 2018
- A Google home based application that uses Tensorflow and machine learning to determine which kinds of drinks are available in a fridge.

MEME STOCK EXCHANGE | memesx.com

June 2017 - Present
- Ruby on Rails based application for buying and selling memes with Reddit API integration
- Stress testing application with 200+ daily active closed beta users

BOP-IT! | github.com/tanvirpathan/Bop-It

Jan 2016 – May 2016
- Used Obj-c to create a reaction based game involving UIGestureRecognizers, SpriteKit Particle Emitters and Facebook's POP Animation Engine