TANVIR PATHAN

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SUMMARY

- Industry experience with developing web/mobile applications, and scripting automated tests
- Comfortable with Java, Obj-C, Ruby on Rails, MySQL, Git and standard web technologies
- Moderate experience with C++, Matlab, Python, Jenkins, and VHDL

WORK EXPERIENCE

Mitre Media   *Toronto, ON*
Full Stack Developer   May – Sept '17
- Wrote and optimized algorithms for sidekiq workers to update 3000 ETF objects weekly
- Converted PHP pages to Rails sites to increase user interactivity by 22%
- Implemented front-end/back-end features, speed optimizations and bug fixes across 3 Rails sites
- Built a chrome extension to increase organization wide productivity as an intern project

Bazaarvoice   *Austin, TX*
Software Developer   Sept – Dec '16
- Created Cordova based hybrid mobile application and SDK plugin for iOS and Android
- 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)*
- Published a blog post on hybrid mobile application development *(goo.gl/MwL2Z8)*

Connected Lab   *Toronto, ON*
Quality Assurance Engineer   Jan – Apr '16
- 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   *Vaughan, ON*
Quality Assurance Engineer   May – Sept '15
- Developed test scripts using Selenium WebDriver and wrote business requirement documentations

PROJECTS

Co-founder of the Meme Stock Exchange (in beta)   *memesx.com*
- Ruby on Rails based application for buying and selling memes with Reddit API integration
- Stress testing application with 200+ daily active beta users

Bop-it!   *git.io/vQY15*
- Used Obj-C to design and create a reaction based game involving UIGestureRecognizers, SpriteKit Particle Emitters and Facebook's POP Animation Engine for the iPad

EDUCATION

University of Waterloo   Sept '14 – Apr '19 *(expected)*
Honours Bachelor of Applied Science in Electrical Engineering
- Selected Coursework: Embedded Systems Design, Algorithms and Data Structures, Analog Control Systems