Alykhan Kanji

Software Engineering • University of Waterloo
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Skills

- C, C++, Objective-C, Java, Python, Ruby, HTML, CSS, JavaScript
- Strong initiative and passion for learning, confident in leadership roles, attentive listener

Professional Experience

Software Engineering — Hotels Team, TripAdvisor LLC (tripadvisor.com) *Boston, Fall 2013*
- Developed new product features in collaboration with PMs/designers using Java, Velocity, JavaScript
- Implemented perceptual diff tool in Python and automated Selenium WebDriver testing for widgets
- Investigated potential XStream serialization improvements in a multi-threaded environment

Software Engineering, Fixmo Inc. (fixmo.com) *Toronto, Winter 2013*
- Implemented new features in Sentinel using Java, Vaadin/GWT, MySQL/Hibernate
- Developed policy violation inbox, iOS/Android/BlackBerry application vault, enrollment email system
- Collaborated with development team using Agile Scrum framework, git, svn, and ant

Software Engineering in Test, Fixmo Inc. (fixmo.com) *Toronto, Spring 2012*
- Seconded to Software Development team to create automated testing tools
- Conducted performance testing of Android/iOS Connector, presented to senior executives
- Automated testing workflow with batch and SQL scripts, reduced weekly workload by several hours

Extra-curricular Experience

VP of Web Development, Nspire Innovation Network (nspire.org) *Toronto, Spring 2013 – Present*
- Project Manager and Lead Developer for web team using Ruby on Rails, Jekyll

University of Waterloo Head Delegate, CUSEC (2014.cusec.net) *Montréal, Spring 2013 – Present*
- Head Delegate at Canadian University Software Engineering Conference
- Organized accommodations and transportation from Waterloo to Montréal for 30 students

Operations Manager, C3 Inspire (c3inspire.com) *Waterloo, Summer 2013 – Present*
- Redesigned web presence with self-initiated project

Hacker, HackMIT • BarCamp Boston • Music Hack Day Boston • NYUHacks • LinkedIn Hackday
- Finalist at LinkedIn Hackday, developed Open Data and crowdsourcing applications (alykhan.com)

Education

Candidate for Bachelor of Software Engineering *University of Waterloo, 2011 – Present*
- Awarded positions on Dean's Honours List for both Engineering and Mathematics
- CEO in Velocity startup accelerator residence program (velocity.uwaterloo.ca)

Projects

Linkbelt *Fall 2013 – Present*
- Collaborated on iOS app that shortens links using the goo.gl, bit.ly, and TinyURL APIs

University of Waterloo Menu (uwmenu.com) *Winter 2012 – Present*
- Displays Open Data meal info for on-campus eateries, ~500 views/month
- Implemented Python web app with Flask microframework, design uses jQuery Mobile

Tunezout (tunezout.com) *Summer 2013 – Present*
- Developed social music billboard using Python/Django backend, Twitter OAuth

Brampton Transit NextRide API (nextride.alykhan.com) *Spring 2013*
- Created RESTful JSON API serving real-time bus schedules