Alykhan Kanji

Software Engineering • University of Waterloo
github.com/alykhank • alykhan.com • me@alykhan.com

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

TripAdvisor LLC, Software Engineering Co-op (tripadvisor.com) *Boston, Fall 2013*
- Shipped new features in collaboration with PMs and designers using Java, Apache Velocity, JavaScript
- Implemented perceptual diff tool in Python with PhantomJS and automated Selenium WebDriver testing
- Investigated potential XStream serialization improvements in a multi-threaded environment

Fixmo Inc., Software Engineering (fixmo.com) *Toronto, Winter 2013*
- Wrote new components for Sentinel, a Mobile Risk Management console, using Java, Vaadin, MySQL
- Created policy violation inbox, iOS/Android/BlackBerry application vault, enrollment email system
- Collaborated with development team using Agile Scrum framework, Git, Subversion, Ant

Fixmo Inc., Software Engineering in Test (fixmo.com) *Toronto, Spring 2012*
- Seconded to Software Development team to create tools for load testing a REST API
- 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

Projects

Linkbelt (linkbelt.me, coming to the App Store) *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*
- Constructed mobile web and iOS apps with meal info for on-campus eateries, ~500 views/month
- Headed project in Velocity startup accelerator residence program (velocity.uwaterloo.ca)
- Built web app with Flask microframework, data from Open Data API, 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 and mobile web app serving real-time bus schedules

Extracurriculars

VP of Web Development, Nspire Innovation Network (nspire.org) *Toronto, Summer 2013 – Present*
- Led web team for organization focused on building entrepreneurial leaders in business and technology
- Managed project for rewrite of web presence using Ruby on Rails, Jekyll, ~2000 views/month

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

Operations Manager, C3 Inspire (c3inspire.com) *Waterloo, Spring 2013 – Present*
- Piloted web redesign for organization aiming to foster entrepreneurial spirit, ~3,000 views/month

Hacker, HackMIT • BarCamp Boston • Music Hack Day Boston • NYUHacks • LinkedIn Hackday
- Developed Open Data and crowdsourcing applications, finalist at LinkedIn Hackday (alykhan.com/#portfolio)

Education

Candidate for Bachelor of Software Engineering *University of Waterloo, 2011 – Present*
- Dean's Honours List for both Engineering and Mathematics