Alykhan Kanji

Software Engineering · University of Waterloo
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Skills
- C, C++, Objective-C, Java, Python, HTML, CSS, JavaScript
- Strong initiative and passion for learning, confident in leadership roles, attentive listener

Professional Experience
Apple Inc. — Software Engineering Intern, Siri   Cupertino, Spring 2014
- Enhanced Intelligent Suggestions feature in iOS 8 Mail, shipping to 500M+ devices
- Refined pattern recognition and matching techniques for data extraction via Natural Language Processing
- Established continuous integration tool to measure precision & recall, perform automated regression testing

TripAdvisor LLC — Software Engineering Co-op, Hotels   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. (acquired by Good Technology) — Software Engineering, Sentinel   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. (acquired by Good Technology) — Software Engineering in Test   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, appsto.re/i66D9DW)   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 (Flask & jQuery Mobile) and iOS apps with meal info for on-campus eateries

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

Extracurriculars
VP of Web Development, Nspire Innovation Network (nspire.org)   Toronto, 2013 – 2014
- Managed team for rewrite of web presence using Ruby on Rails, Jekyll, ~2000 views/month

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

Operations Manager, C3 Inspire (c3inspire.com)   Waterloo, 2013 – 2014
- Piloted web redesign for organization aiming to foster entrepreneurial spirit, ~3000 views/month

Hacker, Hack the North · HackMIT · BarCamp 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
- Term Dean's Honours List for both Engineering and Mathematics