

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/i66DgDW/) 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

- Led web 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, 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