

Alykhan Kanji

Software Engineering · University of Waterloo
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Skills

- Python, Java, Swift, C, C++, Objective-C, HTML, CSS, JavaScript, MATLAB
- Frameworks: Flask, Django, Apache Thrift, Apache Hadoop, Apache Pig
- Strong initiative and passion for learning, confident in leadership roles, attentive listener

Professional Experience

Apple Inc. — Software Engineering Intern, Cloud Services Localization Paris, Fall 2015
• Developed new features for iOS

Apple Inc. — Software Engineering Intern, Siri Cupertino, Winter 2015
• Contributed to Intelligence features including proactive suggestions for iOS 9, installed on 70% of iOS devices
• Implemented routine and “frequency” heuristics for Siri App Suggestions, displayed in Spotlight
• Built internal iOS application in Swift to demo machine learning predictions to senior executives

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

Tailor (tailor.sh) Summer 2014 – Present
• Developed a static analyzer for [Swift](#) with Java and [ANTLR](#) in a team of four, for [Capstone Design](#) project

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

Extracurriculars

Five-time resident, Velocity Entrepreneurship Program (velocity.uwaterloo.ca) Waterloo, 2013 – 2016
• Bootstrapped technical projects in fields ranging from travel planning to developer tools to medicine

Four-time delegate, Canadian University Software Engineering Conference (2016.cusec.net) Montréal, 2012 – 2016
• Organized tickets, accommodations, and transportation from Waterloo to Montréal for 30 students

Education

Candidate for Bachelor of Software Engineering University of Waterloo, 2011 – Present
• Term Dean’s Honours List for both Engineering and Mathematics