

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 Engineer, Siri Cupertino, 2016 – Present

- Developed new features for Siri

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, on over 85% 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 **BlackBerry**) — 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 **BlackBerry**) — 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) Waterloo, 2014 – 2016

- Developed a static analyzer for **Swift** with Java and **ANTLR** in a team of four, for **Capstone Design** project
- Garnered over 12K installations and 800+ stars on **GitHub**

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

University of Waterloo — Bachelor of Software Engineering Waterloo, 2011 – 2016

- Graduated with Distinction and on the Dean’s Honours List