

# Alykhan Kanji

Software Engineering • University of Waterloo  
[github.com/alykhank](https://github.com/alykhank) • [alykhan.com](http://alykhan.com) • [me@alykhan.com](mailto: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

Software Engineering — Hotels Team, TripAdvisor LLC ([tripadvisor.com](https://tripadvisor.com)) Boston, Fall 2013

- Developed new product features in collaboration with PMs/designers using Java, Velocity, JavaScript
- Implemented perceptual diff tool in Python and automated Selenium WebDriver testing for widgets
- Investigated potential XStream serialization improvements in a multi-threaded environment

Software Engineering, Fixmo Inc. ([fixmo.com](https://fixmo.com)) Toronto, Winter 2013

- Implemented new features in Sentinel using Java, Vaadin/GWT, MySQL/Hibernate
- Developed policy violation inbox, iOS/Android/BlackBerry application vault, enrollment email system
- Collaborated with development team using Agile Scrum framework, git, svn, and ant

Software Engineering in Test, Fixmo Inc. ([fixmo.com](https://fixmo.com)) Toronto, Spring 2012

- Seconded to Software Development team to create automated testing tools
- 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

## Extra-curricular Experience

VP of Web Development, Nspire Innovation Network ([nspire.org](https://nspire.org)) Toronto, May 2013 – Present

- Project Manager and Lead Developer for web team using Ruby on Rails, Jekyll

University of Waterloo Head Delegate, CUSEC ([2014.cusec.net](https://2014.cusec.net)) Montréal, May 2013 – Present

- Head Delegate at Canadian University Software Engineering Conference
- Organized accommodations and transportation from Waterloo to Montréal for 30 students

Operations Manager, C3 Inspire ([c3inspire.com](https://c3inspire.com)) Waterloo, June 2013 – Present

- Redesigned web presence with self-initiated project

Hacker, HackMIT • BarCamp Boston • Music Hack Day Boston • NYUHacks • LinkedIn Hackday

- Finalist at LinkedIn Hackday, developed Open Data and crowdsourcing applications ([alykhan.com](http://alykhan.com))

## Education

Candidate for Bachelor of Software Engineering University of Waterloo, 2011 – Present

- Awarded positions on Dean's Honours List for both Engineering and Mathematics
- CEO in Velocity startup accelerator residence program ([velocity.uwaterloo.ca](https://velocity.uwaterloo.ca))

## Projects

Linkbelt

- Collaborated on iOS app that shortens links using the goo.gl, bit.ly, and TinyURL APIs

University of Waterloo Menu ([uwmenu.com](https://uwmenu.com))

- Displays Open Data meal info for on-campus eateries, ~500 views/month
- Implemented Python web app with Flask microframework, design uses jQuery Mobile

Tunezout ([tunezout.com](https://tunezout.com))

- Developed social music billboard using Python/Django backend, Twitter OAuth

Brampton Transit NextRide API ([nextride.alykhan.com](https://nextride.alykhan.com))

- Created RESTful JSON API serving real-time bus schedules