

Karan Thukral

3A Systems Design Engineering

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Experience



Shopify
iOS/Web Developer

May - Sept '14, Jan - May '15

- Built functionality to add discounts on individual products on Shopify for iPhone.
- Worked on Shopify Point of Sale during transition from an iPad only to a universal application.
- Designed and developed improved tools for the support team to help Shopify retail customers.



CBC
Mobile Application Developer (iOS)

Sept - Dec '13

- Built a fully native iOS implementation for CBC's news client.
- Implemented an HTML parser in Objective C to dynamically layout news articles in the application.



Kik Interactive
Mobile QA

Jan - May '13

- Responsible for creation and execution of manual software test suites for new and existing features.
- Implemented automated test for iOS and Android using UIAutomation and Android Calabash.

Awards

- **1st place** at McHacks 2015 in Montreal for building an iOS application, Tendr.
- Won a **Thiel Fellowship** grant at McHacks 2015
- Faculty of Engineering Dean's Honours List Winter and Fall 2014.

Education

Bachelor of Systems Design Engineering
2012 - 2017 (expected)
University of Waterloo

Skills

Languages Objective C, Swift, Ruby, C++, JavaScript

Frameworks iOS, Cocoa, Ruby on Rails, Sinatra

Tools Git, Xcode, Eclipse, Vagrant

Projects

Tendr an app built on iOS and Rails stack that helps users to find their meal. This app aims to solve the ever lasting question of "What shall I eat?"
[challenge post, website] [↗](#)

Remembr iOS application to quickly take and organize notes on your iPhone. Available in the App Store.
[website, github] [↗](#)

Code for Kids volunteered for an Ottawa based nonprofit which aims to teach kids how to code. Helped organize events in Ottawa and started events in Waterloo.

FIRST Robotics working with a FIRST robotics team in Waterloo (Team Dave 3683) to mentor the students through the competition.
[website] [↗](#)

Double Double web application which allows users to track their caffeine consumption and view the resulting data in a visual format.
[github] [↗](#)