



Lukas Carvajal

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Github: <https://github.com/lcarvajal>

iOS Developer

In the past two years I have done mainly freelance work for small organizations and people. I started out by building simple websites and then moved on to creating my first Android application with the help of a textbook and a course on OOP. I spent several months building Android apps before beginning to learn Ruby on Rails so that I could build a backend for my apps and a web version of them.

Around the same time, I also took on the challenge of building some of my Android apps for iOS and enrolled in a mobile course. Learning such a wide range of technologies in such a short time has taught me the downsides and benefits of building native apps, made it easier to learn architectural patterns like MVC, and forced me to try new frameworks on a regular basis.

While school has provided a solid foundation for a software engineer, nothing has taught me more than doing projects on my own. Therefore, I graduated a year early to get a head start on my career as an iOS developer. Below you will find a summary of projects and courses that show my qualifications for this position. Less relevant info, like business internships, additional courses, extracurriculars, and other information about me may be found on my linkedin:

<https://linkedin.com/in/lukascarvajal>.

Github: <https://github.com/Lcarvajal>

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Technology Summary

	<i>Skill</i>	<i>Experience</i>		<i>Skill</i>	<i>Experience</i>
	iOS Dev, Xcode			HTML, CSS, Sass, XML	
	Objective-C			Ruby on Rails	
	C++, Swift			PHP	
	Android Dev, Android Studio, Eclipse			MySQL, NoSQL, SQLite	
	Java			JavaScript	

Portfolio



Fraze Frame - <http://frazeframe.com>

iOS Application for Client - Social Network

- Social network for college students to rank each other's photos and win prizes.
- Runs on the Parse baas.
- Allows users to take photos, upload photos, apply filters, add photos to categories, up and down vote photos, upload profile and background pictures.
- Instagram-like navigation for viewing profiles.
- Currently in App review and should be on the App Store by September 28.



News Hack - <https://lcarvajal.github.io/News-Hack>

iOS Application - News

- Accesses New York Times, USAToday, and Wall Street Journal articles for free.
- Built my own LAMP web service, which parses news websites or uses their API every 20 minutes for the most up-to-date articles. The app makes calls to this web service.
- Users can make content load faster by choosing less sources.
- Android version - https://github.com/Lcarvajal/News_Hack



Forget Me Not - <https://github.com/Lcarvajal/ForgetMeNot-iOS>

iOS Application - Location Based Reminders

- Allows user to drop a pin and adjust the radius to set a reminder for when they haven't left an area, a reminder for when they do leave an area, or a reminder for when they arrive somewhere.
- Implements Parse SDK, Mapkit, MKOverlay, and Geofences.
- Led a team with two other developers to complete this project.
- Currently rebuilding in Swift.

Github: <https://github.com/lcarvajal>

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m-txt - <https://github.com/omarkadry/text-merge>
Android Application - Messaging Application

- Personalized merge text messaging application.
- Sends individual text messages to a group of contacts, tailored to each contact.
- Built at John Hopkins hackathon with another student using Github in 36 hours
- Accesses contacts information, searches through and manipulates strings for 'personalized' messages, implements suggestion typing and drop down menus, sends texts through application, simple one activity interface, logo made with Gimp.

Additional apps are located on my Github page.

Education

Free University of Berlin - Berlin, Germany

Mathematics (Year Abroad), October 2013 - July 2014

- Attended lectures on mathematics, computer science, and economics.
- Attended TechCrunch Disrupt Europe and other startup events in Berlin.
- Minor in computer science.

Courses Completed:

- Linear Algebra 1,2
- Computational Science 1,2
- Analysis (Advanced Calculus) 1,2
- Research for the Natural Sciences

Florida State University - Tallahassee, Florida

BSc Economics, September 2012 - May 2013 and September 2014 - August 2015

- Attended several hackathons.
- Minor in computer science and mathematics.

Courses Completed:

- iOS Mobile Programming (Objective-C)
- Object Oriented Programming (C++)
- Discrete Mathematics 1
- Computer Organization 1
- Internet Programming with Java
- Web Programming and Design
- Introduction to Unix
- Econometrics
- Applied Statistics
- Calculus 1,2
- Advanced Microeconomics
- Macroeconomic Theory
- Social Entrepreneurship and Economic Development

Additional courses are located on my LinkedIn page: <https://linkedin.com/in/lukascarvajal>.