

Nikita Dagar

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Education	Institution	Degree	GPA
	University of Florida (Expected May 2016)	Master of Science (M.S.) in Computer Science	3.77/4.0
	IIIT - Delhi (May 2013)	Bachelor of Technology (B.Tech) in Computer Science and Engineering	7.92/10
Experience	Software Engineer Intern, Royal Bank of Canada Innovation Lab; Orlando, Florida May 2015-Present <ul style="list-style-type: none">• Worked in a team of two to implement the entire front end of Mobile Enrollment for RBC• Designed the screens of Mobile Enrollment along with a design team.		
	Graduate Research Assistant, University of Florida; Gainesville, Florida January 2015 - April 2015 <ul style="list-style-type: none">• Explored how to motivate children to be more active through video games, using full body gesture recognition with Microsoft Kinect.• Developed a WPF application which recognizes body gestures like Jumping Jacks, Wave etc		
	Assistant Software Engineer, Digital Green; Delhi, India June 2013 - July 2014 <ul style="list-style-type: none">• Shipped an entirely new responsive design for <u>COCO</u> (Connect Online Connect Offline), an open source tool which helps Digital Green collect data of 250,000 farmers in conditions of intermittent internet connectivity.• Shipped major design improvements for Digital Green's website for knowledge sharing.• Designed and developed a tool for managing videos on Digital Green's website through which users can upload, edit and aggregate videos.		
	Software Engineer Intern, Health Information Systems Programme; Delhi, India May - Jul 2012 <ul style="list-style-type: none">• Developed a module using iReports which generates customized reports based on user needs from their data warehouse.		
Technical Skills	Programming Languages	Java, JavaScript, Python, C#, Scala	
	Tools and Technologies	HTML+CSS, jQuery, Scrum, MySQL, AJAX, Git, GIMP, Android, Angular	
	UX/UI Tools and Techniques	Responsive Design, Balsamiq, InVision, Frontend Frameworks like Twitter Bootstrap, Foundation & Pure. Personas, Storyboards, Focus Groups, Affinity Diagramming, Prototyping	
Course Projects	Facebook API , Distributed Operating Systems <ul style="list-style-type: none">• A REST implementation of the Facebook API in Scala using Akka Actors.• Developed a server that could accept multiple REST requests for various Facebook functions, and a client that would simulate a large user base, as Akka actors, each sending multiple requests to the server.		

Stash, Software Engineering

Aug - Dec 2015

- Developing an Android application to help users manage their finances better by creating 'stash' for things they want to save up for.
- Used Plaid API for banking data and Parse for the backend.

QuickSend, Human-Computer Interaction

Jan - April 2015

- Chrome extension to share web content with a single click through Facebook messages using Graph API. The extension is published on the **Chrome Web store** at <http://goo.gl/6Rvi68>.

Grooveshark Chat, Interaction Design

Oct - Dec 2014

- Designed a chat application for Grooveshark which integrates with their current website to facilitate more social interaction between users. <http://invis.io/7F1TR6QR9>
- Chosen as one of the **top four** designs by Grooveshark.

Vulnerability Assessment of Facebook's Social CAPTCHA

2012

- Identified and analyzed shortcomings of Facebook's social captcha and suggested improvements to reduce vulnerability. <http://goo.gl/na0jrJ>