

# 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	<b>Software Engineer Intern, Royal Bank of Canada Innovation Lab;</b> Orlando, Florida    May 2015-Present <ul style="list-style-type: none"><li>• Worked in a team of two to implement the entire front end of Mobile Enrollment for RBC</li><li>• Designed the screens of Mobile Enrollment along with a design team.</li></ul>		
	<b>Graduate Research Assistant, University of Florida;</b> Gainesville, Florida    January 2015 - April 2015 <ul style="list-style-type: none"><li>• Explored how to motivate children to be more active through video games, using full body gesture recognition with Microsoft Kinect.</li><li>• Developed a WPF application which recognizes body gestures like Jumping Jacks, Wave etc</li></ul>		
	<b>Assistant Software Engineer, Digital Green;</b> Delhi, India    June 2013 - July 2014 <ul style="list-style-type: none"><li>• 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.</li><li>• Shipped major design improvements for Digital Green’s website for knowledge sharing.</li><li>• Designed and developed a tool for managing videos on Digital Green’s website through which users can upload, edit and aggregate videos.</li></ul>		
	<b>Software Engineer Intern, Health Information Systems Programme;</b> Delhi, India    May - Jul 2012 <ul style="list-style-type: none"><li>• Developed a module using iReports which generates customized reports based on user needs from their data warehouse.</li></ul>		
Technical Skills	<b>Programming Languages</b> Java, JavaScript, Python, C#, C++		
	<b>Tools and Technologies</b> HTML+CSS, jQuery, MySQL, AJAX, Git, GIMP, Android, Angular		
	<b>UX/UI Tools and Techniques</b> Responsive Design, Balsamiq, InVision, Frontend Frameworks like Twitter Bootstrap, Foundation & Pure. Personas, Storyboards, Focus Groups, Affinity Diagramming, Prototyping		
Course Projects	<b>Stash, Software Engineering</b> Aug - Dec 2015 <ul style="list-style-type: none"><li>• Developing an Android application to help users manage their finances better by creating ‘stash’ for things they want to save up for.</li><li>• Using Plaid API for banking data and Parse for the backend.</li></ul>		

**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>