

Nikita Dagar

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Education	Institution	Degree	GPA
	University of Florida (Expected - May 2016)	Master of Science (M.S.) in Computer Science	3.66/4
	IIIT - Delhi (May 2013)	Bachelor of Technology (B.Tech) in Computer Science and Engineering ▶ Specialization in Data Analysis	7.92/10
Experience	Graduate Research Assistant, University of Florida; Gainesville, Florida January 2015 - Present <ul style="list-style-type: none">• Exploring how to motivate children to be more active through video games, using full body gesture recognition with Microsoft Kinect.• Currently developing 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#, C++		
	Tools and Technologies HTML+CSS, jQuery, MySQL, AJAX, Git, GIMP, Android, Django		
	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	QuickSend, Human-Computer Interaction Jan - April 2015 <ul style="list-style-type: none">• 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 <ul style="list-style-type: none">• 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 <ul style="list-style-type: none">• Identified and analyzed shortcomings of Facebook's social captcha and suggested improvements to reduce vulnerability. http://goo.gl/na0irJ		