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
- 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
- Shipped an entirely new responsive design for COCO (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
- 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
- Chrome extension to share web content with a single click through Facebook messages using Graph API

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