Nikita Dagar

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Education

Institution	Degree	GPA
University of Florida, 2016	Master of Science (M.S.) in Computer Science	3.5/4.0
IIIT - Delhi, 2013	Bachelor of Technology in Computer Science and Engineering	7.92/10

Experience

MOBILE SOLUTIONS ENGINEER, ROYAL BANK OF CANADA LAB; ORLANDO, FLORIDA – AUGUST 2016-PRESENT

— Android, Amazon Web Services
Lead developer for an Android application called Drive which aggregates user's car details like recalls, resale value, insurance details etc., using Carfax API and Canadian Black Book API. It also shows offers by merchants that are relevant to the user, and articles about the latest in the auto world.

— HTML, CSS, JavaScript
Implemented the user interface for showing insights about a user's spending behavior by analyzing their transaction history.

SOFTWARE ENGINEER INTERN, ROYAL BANK OF CANADA LAB; ORLANDO, FLORIDA – MAY 2015-JUL 2015

— HTML, CSS, JavaScript
Developed a new mobile user enrollment flow for RBC mobile banking customers. This feature was rolled out to all one million RBC users in Canada.

GRADUATE RESEARCH ASSISTANT, UNIVERSITY OF FLORIDA; GAINESVILLE, FLORIDA – JAN - APRIL 2015

— C#, Microsoft Kinect
Developed a Kinect application which recognizes body gestures like jumping jacks and waves. Also, explored how to motivate children to be more active through video games, using full body gesture recognition with Microsoft Kinect.

ASSISTANT SOFTWARE ENGINEER, DIGITAL GREEN; DELHI, INDIA – JUN 2013 - JUL 2014

— HTML, CSS, JavaScript, Bootstrap
Developed 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. Designed and developed a tool for managing videos on Digital Green's website through which users can upload, edit and aggregate videos

Skills

Programming Languages	Java, JavaScript, Python, C#, Scala
Tools and Technologies	Android, HTML+CSS, jQuery, Angular, Sketch, MySQL

Course Projects

FACEBOOK API, DISTRIBUTED OPERATING SYSTEMS – DEC 2015

— Scala, Akka
Developed an Akka actors based scalable, distributed service mimicking the Facebook REST API that could handle 1k users simultaneously making typical Facebook calls like add friend, upload photo, get friends list, create post, create photo album etc. All the data was end to end encrypted using 1024 bit RSA.

STASH, SOFTWARE ENGINEERING – DEC 2015

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