Nikita Dagar

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nikitadagar.com

Education

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

Experience

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

— Mobile **Developer's handbook for Android**: Lead the efforts to create a handbook containing the coding standards to be followed across RBC's Android development. The handbook guided developers to create more modular code resulting in increased amounts of code reuse, and easier testing & debugging.

— **Leading a team of 3 Android** developers to deliver RBC's vision of expanding its customer base by creating a financial management app agnostic to the client's current bank. Currently responsible for the design and development of the app so that it's completely modular and reusable for future projects.

— **Lead a team of 3 developers** for RBC's Android app, Drive - available on the Play Store. It aggregates user's car details such as recalls, resale value, insurance details using Carproof 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. I wrote the whole MVC stack for adding, viewing and updating a car, and viewing articles. Drive was released in Mar 2017 at the Vancouver Auto show.

— Implemented a **web** 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.

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