Kanishk Tripathi (585)-622-8001

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Programming and Software Skills
Java, JavaScript, Android, C/C++(basic), Python, Amazon CloudSearch, Apache Solr, Web servers, PureData
IDE, Build Tools, Version: Eclipse, Android studio, Maven, SVN, Git,
Web programming: jQuery, YUI, HTML, CSS, Node.Js, Express JS, Spring, Struts
Other: Web Services, REST API

EMPLOYMENT
Teaching Assistant   UNIVERSITY OF ROCHESTER   September 2015 - December 2015
- Only grad TA for Android app development course.
- Grading the assignments, projects as well as mentoring and helping students in doing their assignments.
- Helping students in learning best practices for Android programming.

Android Intern   LUA TECHNOLOGIES INC., NEW YORK   June 2015- August 2015
- Improved the unit testing framework of the mobile app on the Android platform which lead to increased code coverage and unit testing.
- Separated the tests between running on instrument and local unit test.
- Evaluated the use of ORM in the app and did code optimizations on the basis of best Android practices..

Technical Associate   NAGARRO SOFTWARES PVT. LTD , INDIA   March 2011- July 2014
Role and key projects: Full stack software developer
- Migrated an existing search application to use Amazon Cloud search. Integration with Amazon S3 for file crawling. Worked on the data visualization display tools.
- Worked on the development of a web interface to update the tariffs and inventories of hotels for India's largest travel domain company.
- Developed a service to push hotel prices to Google Hotel Finder services which opened a new revenue channel.
- Integration of Google maps API with the web application to locate hotel location on the website for an online travel agency.

COMPUTER SCIENCE EDUCATION
UNIVERSITY OF ROCHESTER **Masters in Computer Science (Dec 2015**)
 Selected courses taken: Data mining, Operating Systems, Programming Languages Design and Implementation, Human Computer Interaction, Interactive Machine Learning.
INDRAPRASTHA UNIVERSITY, NEW DELHI **Masters in Computer Applications (May 2011**)
 Selected courses taken: Software Engineering, Software Testing, Software Project Management.
UNIVERSITY OF DELHI, NEW DELHI **Bachelors in Science (June 2008**)

PROJECTS
Hackathon Mining(Fall 2015)
Data analysis of various hackathon projects and participants across the US was done.
Details at: https://goo.gl/TdhD47
URListings (Fall 2015)
A web application using Node.js, Express and MongoDB for finding roommates for University of Rochester students.
My Weather(Spring 2015)
An Android app to find current weather and forecast at current location using GPS or any other place from search. The user can also add/remove favorite places.
Vocal Coach Project (Fall 2014)
 An Android app which helps a user match a correct pitch while singing. Done in a team of 4 people.
 Project details: https://goo.gl/uShoR6