SANCHIT KHANDELWAL

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EDUCATION

New York University - Graduate School of Arts and Science   *May 2016(expected)*
Master of Science, Computer Science GPA: 3.56/4.00
- Completed Coursework: Fundamental Algorithms, Realtime & Big Data Analytics, Programming Languages
- Spring'15 Coursework: Operating Systems, Web Search Engines, .Net Web Application Development
- Teaching Assistant for Basic Algorithms - Undergraduate Course, NYU

Mukesh Patel School of Tech. Management & Engg, NMIMS University, Mumbai, India   *May 2012*
Bachelor of Technology, Computer Engineering GPA: 3.26/4.00

WORK EXPERIENCE

Systems Engineer - **Infosys Ltd, Bangalore, India**   *Sep 2012 - July 2014*
- Improved business performance tracking efficiency by 45% by expediting creation of opportunity report generation using **Salesforce.com**(Apex, JavaScript) for an American telecommunication provider as a part of the Release management Team
- Acted as a single point of contact for the clientele of a major American chip manufacturing corporation and a British multinational company; managed their middleware services using SAP-XI, BizTalk, and TIBCO
- Monitored applications, bug fixes, tickets and roll outs to production; developed an internal logging system to track recurring issues; improved team performance by enhancing resource allocation
- Completed the 6-month Java & RDBMS technology foundation program in 4 months. Finished the program in the top 5% of 600 employees
- Managed the weekly knowledge transfer session to keep the whole team abreast of the latest technology and tools being incorporated into the project
- Mentored two new associates to enable quick and efficient transition to productivity on the project

PROJECTS

Rodent Baiting in New York City (NYC) - Using Hadoop   *Sep 2014- Dec 2014*
- Leveraged Big Data analysis to predict the occurrence of rodents and to find the factor/complaint that causes an increase in the number of rodent complaints, in each area of NYC using **MapReduce, Apache Pig and Hive**
- Analyzed the frequency of rodent complaints made in the city with respect to ambient temperature ranges
- Estimated the rodent population of the city to debunk the "8 million rats for 8 million New Yorkers" myth

E-Commerce Project   *Oct 2011- Dec 2011*
- Designed and developed the login page, user profile, products information, shopping cart and receipt details modules for an American manufacturing company's e-commerce website using Java and MySQL

Restaurant Management System   *Dec 2010- Apr 2011*
- Built an in-house application using Visual basic and Ms-Access; improved inventory and transaction management; incorporated features like check-ins, check-outs, reservations, product and supplier info handling

E-Counting Service, Sonejee & Gandhi Pvt. Ltd Mumbai, *Summer Internship*   *May 2010- Aug 2010*
- Implemented a browser based SaaS accounting business application "eCounting"; improved client data management using Java and MySQL; enabled real time reporting

RESEARCH AND PUBLICATIONS
- Face Recognition using Content Based Image Retrieval(CBIR) under Professor **H. B. Kekre**
- Published five Research Papers; Won Editor's Choice Best Paper Award from IJCA, USA for Paper 2

TECHNICAL
- Languages: C, C++, Java, JavaScript, Python, .Net, Pig, Hive, HTML, XML, SQL, Apex, Scala
- Technologies: VB script, CSS, JSP, J2EE, Eclipse, MySQL, JUnit, Matlab, Hadoop