

Samyak Shah

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EDUCATION

Robert H. Smith School of Business, University of Maryland, College Park, MD

Aug 2015- Dec 2016

Master of Science (MS) - Information Systems GRE: 325/340; GPA: 3.8/4

Data Networks and Infrastructure(A), Database Management System(A), Managing Digital Markets(A), Data Models and Decisions, Big Data ,Data Mining and Predictive Analytics, Business Process Analysis, Strategic IT

K J Somaiya College of Engineering, University of Mumbai

Jul 2011-May 2015

Bachelor of Engineering-Computer Engineering –First Class

Publications – ‘SomeWhat Homomorphic Encryption with Key management Protocol’ And ‘Big data analytics using R’

EXPERIENCE

RAK Commodities, Mumbai, India - Analyst Intern

Jun 2014-Jul 2014

- Provided Commodities Analysis and valuation to 20 valued customers of firm
- Performed Data Analysis using Excel – Vlookup, Visual Basic, Macros, Pivot tables and mark-to market calculation helped to increase prediction accuracy of commodities pricing

PROJECTS

Encryption on Cloud Computing

Jul 2014-Jun 2015

- Somewhat Homomorphic Encryption On Cloud -Achieved Encryption on Amazon Web Services DynamoDB NoSQL cloud database using Java with AWS SDK reducing time taken for query processing on encrypted data following Software Development Lifecycle
- Prepared Software Requirement Specification (SRS) document, Software Architecture, Project Management Plan and Testing and User manual using Rational rose and Visio

Customer Care Database management

Sep 2015-Dec 2015

- Built a suite with a database backend on SQL Server 2012 with tables, views, transactional queries and frontend on Salesforce.com using reports, dashboards, views, workflow rules, validation rules, permission sets and page layouts for banking data

Data analysis using Tableau

Jan 2016-Feb 2016

- Investigated the Dognition company data set, designed a Structured Pyramid Analysis Plan and analyzed using Tableau by importing Excel data into Tableau and creating data views, Dashboard with filters, parameters and calculated fields and published a recommendation report

Client- based project following Scrum Methodology

Feb 2016- May 2016

- Developing application for Student Peer Reviews and related Analytics as part of the Scrum team in Java & SQL using IBM Bluemix web services and also participating in Scrum ceremonies

Data mining and Predictive Analytics using R

- Working on the Rossman Stores Dataset to analyze the data using KNN, naïve bayes, Classification and regression algorithms and predict the store sales for 7 weeks.

LEADERSHIP

Youth Vision Consultant, Hanoi, Vietnam

Jun 2013- Jul 2013

- Planned and managed ‘Vietnam Youth Icon’ project including four day camps and an event named International Youth Day. Worked with 15 interns from 12 different countries for a month and catered to around 150 delegates

AIIESEC Navi Mumbai, India

Feb 2013-Feb 2015

- Arranged Youth Leadership Conference being Core Committee (Logistics) in February 2015 in Silvassa, India catering to 400 delegates from all over country
- Led a team of 5 people as Team Leader Human Resources from January 2014-December 2014 and was responsible for talent planning, acquisition, training and retention and managed around 40 employees
- Acted as Team Leader International Student Exchange (Social) January 2013- June 2013 and increased number of exchanges by 250%

ADDITIONAL INFORMATION

- Technical: Java, C++, HTML, SQL, Salesforce.com, Tableau, R, Wireshark, Microsoft Excel, Statistical tools(@Risk, PrecisionTree, StatTools, SolverTable) , Visio, Rational Rose, Python, SharePoint, Hadoop(Hive), Pig, Hive) [May 2016], Spark[May 2016], Microsoft Project Management, MS Access, Weka
- Online courses: Intermediate R, , Data analysis in R, Machine Learning in R, Software Processes and Agile practices, Amazon Web Services- Big Data Technology Fundamentals, Hadoop Application and Development Framework.