SONAL SONAWANE

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# EDUCATION

## **Robert H. Smith School of Business, University of Maryland,** College Park, MD December 2016

**Master of Science, Information Systems**

### Member of Smith Master’s Student Association

### **Coursework**: Managing Digital Business Markets, Business Process Analysis, Big Data, Data Mining and Predictive Analytics, Decision Analytics, Database Management Systems

## **Fr. Conceicao Rodrigues Institute of Technology, University of Mumbai,** Mumbai, India May 2012

**Bachelor of Engineering, Information Technology**

### Chief organizing committee member of Computer Society of India (CSI)

# SKILLS

### **Programming languages**: Python, R, JavaScript, SQL, C, C++, Java, HTML, ActionScript, MXML, XML, CSS

### **Tools**: Hadoop, Sqoop, Pig, Hive, Spark, mongoDB, Tableau, SAP, Adobe Flex Builder, Salesforce, Google Analytics

# PROFESSIONAL EXPERIENCE

**Paradyme Management**, Greenbelt, MD September 2016 - Present

**Corporate Technical Analyst Intern**

### Performing Black Hat Opposition Research for acquiring and assessing competitive intelligence

### Analyzing processes to develop data visualization dashboard for improved decision making capability

### Devised a Teleworking solution for the company as a part of a competition for the interns

**Paradyme Management**, Greenbelt, MD June 2016 - August 2016

**Corporate Technical Project Lead Intern**

### Supervised and administered technical projects for a team of 11 technical interns

### Developed a Java based web application for time tracking and reporting

### Analyzed business processes, gathered requirements and proposed solution for internal business problems

### Conducted performance analysis using data clustering and contingency tables on USA spending data set

### Designed and customized JIRA Service desk for Real Property Planning and Analysis System project

## **L&T Infotech,** Mumbai, India February 2013 - June 2015

**Software Engineer**

### Led team of eight for front end development in an Engineering and Procurement application; handled client requirement gathering; secured three new projects

### Conceptualized features for extracting meaningful insights from integrated data; created reports to make operational and strategic decisions, efficiently increasing client revenue by 12%

### Designed and implemented 4 Java modules in Flatpack Configurator, a switchboard designing application for L&T

### Maintained code and achieved version control using Tortoise SVN

# KEY PROJECTS

### **Expedia Hotel Recommendation**: Identifying patterns in hotel reservation traffic using social network analysis and building prediction model to determine possible destinations for a new hotel search

### **Live Project - Video Production Tracking**: Led a team of seven as a product owner for creating a video production tracking application for Learning Technologies; collaborated with stakeholders & established agile way of development

### **Data Mining & Predictive Analytics for Disease Control**: Mined the Center for Disease Control (CDC) data set to understand and identify patterns in causes of mortality using regression and classification models

### **Google Online Marketing Challenge**: Created an online marketing campaign using Google AdWords and Google Analytics; analyzed traffic to increase session duration and decrease bounce rate

### **Automated Environment Control and Security System**: Demonstrated an Internet of Things (IoT) application for home environment control and intrusion detection collaborating with two other students

# ADDITIONAL INFORMATION

### Certified in Google AdWords Fundamentals and Google Mobile Advertising

### Spearheaded committee of 50 people for Annual Event of L&T Infotech, attracting over 400 employees

### Initiated four blood donation camps for college social cell; received over 200 donations per event

### Participated in state-level Table-tennis tournaments and won numerous awards over 5 years