

# NIRUPAMA SUNDARARAMAN

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## OBJECTIVE

To obtain a full-time opportunity where my design, team work and leadership skills will be utilized and enhanced. I also aspire in a career that would provide me challenging opportunities in the technical as well as managerial field and help me acquire new skills and expand my knowledge.

## EDUCATION

Rochester Institute of Technology	May 2018
Master of Science in Information Management and Database Technology	GPA: 3.6
R.A.I.T College of Engineering and Technology	June 2014
Bachelor of Engineering in Information Science and Technology	GPA 3.8

**RELEVANT COURSES:** Database Access and Management, Data warehousing, Database Management Systems, Information Assurance, Project Management, Analysis and Design of Algorithms, Data Structures, Web and Mobile, Operating Systems, Statistics and Analysis for Decision Making, Knowledge Representation Technologies, Knowledge Processing Technologies, Analytical Thinking, Time Series analysis and forecasting.

## PROFESSIONAL EXPERIENCE

### SAP Labs, Palo Alto

Sept 2016 – present

- Working both on Content (Scenarios) and Product Management [customer feedback, expert support, define and own roadmaps, participate in backlog prioritization (own for content and **co-own for product**), product definition], and all other content tasks. Working with Localization of Business Process Models

## ACADEMIC PROJECTS

Aug. 2014 – Dec 2017

### • Dow Jones Index analysis

Performed Time Series analysis on acquired Dow Jones data to predict the future value of the stocks. Various Time Series analysis methods were used to compare and predict the nearest approximation of the stocks.

### • The Product Company

Designed a DataMart using MySQL Workbench and Pentaho which clearly identifies the data needs and potential data sources. Implemented a star schema for the DataMart.

### • Online Books Retrieval and Classification

Created an online information retrieval and classification Application of online books data. This was implemented using JSP and Apache Lucene Library. Tableau was being used for visualizations.

### • US Airline Sentiment Analysis

Created an online application that performs information retrieval and sentiment analysis of twitter data. This project was implemented using server side programming (node.js, JavaScript), MongoDB for the database and Tableau for visualizations.

### • Regression Data Analysis

Developed regression model to determine the significance of multiple consumer characteristics based on a case study for better decision making.

### • Informational Website

Created a Website using SHTML and CSS which provides an insight to different Indian Festivals which are celebrated in INDIA and across the world.

### • Analysis of Health issues due to excessive Alcohol consumption in UK

Performed different Data mining techniques using Weka on the data set acquired to find out the different health issues present in different age groups due high alcohol consumption and based on the result provided drinking limits for different age group for a particular gender.

## TECHNICAL SKILLS

**Programming Language:** Basic Java, R for time series analysis, Python

**Databases:** SQL Server, MySQL, MongoDB, Oracle, S/4HANA

**Technologies:** HTML, XSL, XML, CSS, Bootstrap CSS, Node.js, JavaScript, SQL, Basic PL/SQL

**Tools:** Adobe Photoshop, Tableau, WEKA, MySQL, Workbench, Pentaho, SAP Power designer, JIRA