SUVANAM SAIKUMAR
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Education:

THE UNIVERSITY OF TEXAS AT DALLAS, Richardson, Texas, USA — **GPA 3.79/4.0**
Master of Science in Computer Science — Jan 2016-Present
Coursework: Operating systems, Database Design, Design and Analysis of Algorithms, Web programming Languages, Machine Learning, Artificial Intelligence, Data Structures and algorithm

SRM UNIVERSITY, Chennai, Tamilnadu, INDIA — **GPA 8.5/10.0**
Bachelor of Technology in Electrical and Electronics and engineering — May 2008-April2012

Work Experience:

Software Engineer Intern, BluAge Software Company, Dallas,TEXAS — Jan 2017-Aug 2017
- Worked on modernization of the Legacy Application code to Java using Spring MVC.
- Enhanced the features of the legacy application according to the requirements of the client.
- Worked on frontend using AngularJS, HTML,CSS to develop the new Web pages.

Software Engineer, Tata Consultancy Services, Hyderabad,INDIA — Dec 2012–Aug 2015
- Analyzed and developed various business logic components for the ICICI bank Intranet application using Spring Framework as per client requirements.
- Involved in the development of DAO layer for the application using Hibernate framework support.
- Designed and developed new Webpages of the application using JSP, HTML, JavaScript and CSS.
- Implemented health check of the application to make the system fault tolerant and to increase the application's accuracy.

Teaching Assistant, University of Texas at Dallas — August 2016 – Dec 2016
- Evaluation and grading of assignments, projects for the Graduate courses.

Academic Projects:

Pacman –Artificial Intelligence (Python) — August-2016
- Implemented a series of Pacman projects to understand how Artificial Intelligence algorithms and heuristics can be used to enable a machine think and act like a human. This project covers techniques like informed state-space search, probabilistic inference, and reinforcement learning.

UTD Degree Planner System and Advising (PHP, MySQL, JQuery, HTML, CSS, and JavaScript) — June-2016
- Implemented a web based application which facilitates Graduate students with Degree Planning and Advisors to Set up a various Advising events.

Big Data-Prediction of Star Rating using Sentimental Analysis (Hadoop, Apache Spark,Pig) — Septemeber-2017
- Developed auto and multiple regressive models to forecast the dengue cases with 73.2% forecasting accuracy conforming the correlation between dengue spread and climatic conditions.

Machine learning (Java) — July-2016
- Implemented Decision Tree algorithm using information gain for attribute selection.
- Implemented and studied K-means Clustering algorithm on different data sets.

Natural Language Processing (Python,Solr) — October- 2017
- Implement semantic search with keyword-based along with an improved strategy which uses NLP techniques in Lucene/Solr.

Achievements:

- Received TCS on the Spot award for the remarkable contribution to the team in the project.
- Received SRM Merit based scholarship for outstanding performance in intermediate education.

Computer Skills:

Programming   : Core Java, Python, C, C++, PL/SQL, SQL
Database and servers   :   MS SQL Server, MySQL, WebLogic, Apache Tomcat,MogoDB.
Web Technologies   : HTML, CSS, JavaScript, JQuery, Ajax, XML, PHP, JSON, AngularJS.
J2EE Technologies & Frameworks: Servlets, JSP, JDBC, Spring MVC.
Operating Systems, Software's, Tools: Windows, Linux, QTP, Jira, SVN.