

Aman Kedia

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EDUCATION	Birla Institute of Technology & Science, Pilani, India M.Tech in Software Engineering (part of Scholar program funded by SAP) Institute of Engineering & Management(IEM), Kolkata India B.Tech in Computer Science & Engineering (Affiliated to MAKAUT, formerly known as West Bengal University of Technology(WBUT))	Aug 2016 - May 2018 GPA: 9.62/10.0 2012 - 2016 GPA: 9.22/10.0
EXPERIENCE	Scholar Developer, SAP Labs India, Bengaluru, India Implemented new and improved existing Machine Learning and Deep Learning models for text mining. Built a web platform for evaluating and comparing Machine Learning models. Also, developed custom enhancements in SAP ERP system for Materials Management module. Research Intern, Indian Institute of Remote Sensing, ISRO Data Mining on weekly public health data of Dehradun district Obtained clusters of regions demonstrating similar occurrence patterns for 15 diseases in the district of Dehradun, India. Identified diseases outbreaks & contributing regions with their visualizations using geo-coded Maps. Submitted to <i>Journal of Indian Society of Remote Sensing, Springer</i> . [link to draft] App Development Intern, Codeblix (a NASSCOM startup) Developed a mobile app enabling users to reserve parking slots at various parking venues across Kolkata.	Aug 2016 - Present Dec 2015 - Mar 2016 Advisor: Prof. Shiva Reddy Koti Jun 2015 - Jul 2015
RESEARCH PROJECTS (Advisor: Prof. Saptarsi Goswami)	Empirical Study to Evaluate the Performance of Classification Algorithms on Healthcare Datasets Compared the performance of 5 algorithms on 13 datasets based on Accuracy, Precision, Recall and F1 score. Accepted at <i>World Journal of Computer Application and Technology, 2017</i> . [link] Application of Twitter in Health Care sector of India Mined 15000+ tweets to identify trends in disease patterns and study the impact of Mission Indradhanush based on Twitter discussions. Accepted at <i>IEEE-Recent Advances in Information Technology, 2016</i> . [link] Data Mining Techniques in Indian healthcare: A short review Studied 61 research papers to analyze the data science research performed in healthcare with special focus on India. Accepted at <i>IEEE-Man and Machine Interfacing(MAMI), 2015</i> . [link] Filter Based Feature Selection Methods using Hill Climbing Approach Explored variants of Hill Climbing for feature selected and obtained 1.7% better classification accuracy across 20 datasets when compared to Genetic algorithm. Submitted to <i>Sadhana journal, Springer</i> .	Oct 2016 - Dec 2016 Nov 2015 - Dec 2015 Aug 2015 - Oct 2015 Nov 2016 - Jan 2017
ACADEMIC PROJECTS	- BookMyTicket , a web cum mobile app for booking movies seats and pre-ordering food. [link] - Kirana , an end to end E-Commerce web application for grocery shopping. [link] - Java(Spring) based app for making flight ticket reservations . [link] - College Attendance Management System for tracking student attendance. [link]	
TECHNICAL SKILLS	Generic: C++, Java, Python, R, SQL, PHP, MongoDB, MySQL, Oracle 11g. Tools & Libraries: NLTK, Keras, Gensim, NumPy-SciPy-Sklearn, TensorFlow, Theano, e1071, FCluster. Web related: HTML, CSS, JavaScript, Flask, Telerik Framework.	
AWARDS and ACHIEVEMENTS	- Innovation Award , SAP for developing a system in <i>What The Hack</i> event capable of ranking candidates for a required skill set using scraped data and resumes. - Codeforces Rating of 1441 (Highest 1545, Specialist Level) . - Winner, Regionals at <i>Aspirations 2020</i> , programming contest by Infosys. - Rank 82nd among 40000+ teams in <i>TCS Codevita</i> . - Sougata Mondal Memorial Award for outstanding contribution to the UG Institute (Senior year). - Outstanding Student of the year , UG Institute (Junior year). - Ranked 1st in M.Tech batch presently after 2 semesters. - Amongst the top 3 of the CSE department in B.Tech .	