AYUSH PRAMOD KUMAR

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EDUCATION

Syracuse University, School of Information. Studies, Syracuse, NY   *May 2020*
Master of Science in Information Management, Certificate of Advanced Studies (CAS) in Data Science
Relevant Coursework: Business Analysis, Information Visualization, Natural Language Processing, Information Management & Technology, Project Management, Big Data Analytics, Data Analytics and Decision Making, Information Policy, Risk Management

SRM University, Engineering School, TN, India   *May 2015*
Bachelor of Technology in Information Technology
Relevant Coursework: Web systems and Technology, Professional Ethics, Information System's Management

WORK EXPERIENCE

Data Analyst at JOB-IQ @ iConsult Collaborative   *May 2019 - Present*
- Exhibited leadership quality by leading the front-end application development team
- Collaborated with Data Science and Analytics team: applied various algorithms like TF-IDF, LDA for ranking the questions and model
- Devised the Application User Interface for better accessibility, increasing the ease of use using Adobe Illustrator

Programmer Analyst at Cognizant Technology Solutions   *September 2015 - April 2017*
- Exhibited excellent communication and presentation skill by representing the product in Banking Client's Exhibition
- Collaborated with R&D team: collected and analyzed market scenarios for the product called Model Eye for Banking Clients using Java, Spring Framework and Hibernate
- Automated the Financial Modelling task by developing Analytical Model Management Portal for clients cutting process time by 95%

ACADEMIC PROJECTS

Image Classification | Big Data Analytics   *August 2019- Present*
- Resized the images in the dataset to enable them to train the classifiers
- Accomplished important features using HOG (Histogram of Oriented Gradient) to pass to the training model
- Applied Machine Learning and Deep Learning Algorithms like SVM and CNN etc. to classify the images and train the model
- Achieved 77% prediction accuracy with SVM Model and 83% prediction accuracy with CNN Model

Generating Paraphrase Resource using News Tweets | Natural Language Processing   *January 2019- April 2019*
- Analyzed existing paraphrasing resource PPDB, DIRT
- Generated our own resource of paraphrasing data with 82% accuracy
- Presented the research and finding to students of the Engineering Department at Syracuse University

TECHNICAL SKILLS & PUBLICATIONS

Publications: *Evolution and Development of DBMS in Software Development Industry* in Journal of Emerging Technologies and Innovative Research (JETIR- November 2017) with K. Chauhan and A. Kohli
Improved Routing Security in Wireless Mobile ADHOC Network in International Journal of Engineering Research & Management Technology (IJERMT-March 2015) with S. Khurana under guidance of Prof. Pandey
Data Visualizations: Qlik View; Tableau; R; MS Excel
Analytical Acumen: Lemmatization; TF-IDF; LDA; NPS; Regression; Sentiment Analysis; Prediction; SVM; Excel Analytics; CNN
Databases: SQL; Oracle; IBM DataStage; MS Access, NoSQL, MongoDB
Programming Skills: Java Core; Python; R; **Big Data Tools:** Hadoop; Spark; PySpark
Graphics Software: Adobe Photoshop; Adobe After Effects; Adobe Illustrator
Web Technology: Spring Framework; Hibernate; jQuery; HTML; CSS
Management Software: MS Projects, Microsoft Jira, Trello
Platforms and API: Databricks; Big Query API; Google Collab

LEADERSHIP EXPERIENCE

General Chairperson | Cultural Fest, SRM University
- Managed a team of 150 students working towards events and administration for successful completion of the event
- Obtained permissions from various departments (Entertainment, Fire, Tax) for hosting an event inside the city

Front-End Lead | JobIQ, iConsult Collaborative
- Lead the front-end team for acquiring better usability, accessibility of the portal
- Devised the front-end user interface using adobe illustrator for better understanding of the components