

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, Strategic Management, Data Warehousing

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- December 2019

- 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