



Rohit Singh

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EDUCATION

IIIT GWALIOR

B.TECH + M.TECH (INTE.)
2015 - 2020 | Gwalior, INDIA
CGPA - 7.22

DALLIMS SUNBEAM

HIGHER SECONDARY
2013 - 2015 | Varanasi, INDIA
Percentage - 91.6
CBSE

WHS MEMORIAL SCHOOL

SECONDARY
2013 | Varanasi, INDIA
Percentage - 88.8
ICSE

LINKS

Github:// [rohit10000](#)
LinkedIn:// [rohit-singh997](#)

COURSEWORK

Design and Analysis of Algorithm
Data Structures
Low Level Design
Object Oriented Programming
Database Management System
Operating Systems
Computer Networking
Artificial Intelligence

CERTIFICATION

- Server-side Development with NodeJS Express and MongoDB on Coursera
- 5 courses for Deep Learning Specialization on Coursera.
- Machine Learning by Andrew-ng on Coursera.
- Front End Web UI Development on FreeCodeCamp.

ACHIEVEMENTS &

ACTIVITIES

- Lead Social campaigner and co-ordinator for Aurora Social Responsibility Team in Aurora(2018).
- Event Head of Managerial Event Brandsome in the Cultural Fest of IIITMG AURORA(2018).
- Winner in the Cricket Tournament in the INTER-IIIT Sports Fest(2017).

WORK EXPERIENCE

REDBUS.IN | PROJECT ENGINEER INTERN

May 2019 - July 2019 | Bangalore, INDIA.

- Built and setup a fully functional real-time, distributed data pipeline in the team that can segregate a particular operator's ticket information and store the same into different section of our database in real-time.
- Coded the Storm topology for the above task in java and also managed code-breakage prevention and reliability by Serializing and Deserializing of Data using Apache Avro.
- Technology used: Apache Storm, Apache Kafka, MongoDB, RedisDB, Apache Maven, Apache Avro.

PROJECTS

RENTAL SYSTEM WEBSITE FOR VARANASI RESIDENCE

Nov 2019 - Jan 2020 | Github Link

- Developed a fully functional, regular, real-time, responsive website for residence booking in Varanasi.
- Used the Google Map API to get the area wise rent search.
- Technology used for backend: NodeJs, MongoDB.
- Technology used for frontend: HTML, CSS, Bootstrap, Javascript.

PRODUCT REVIEW RATING USING THE SENTIMENT ANALYSIS

Aug 2019 - Sept 2019

- System gives the most appropriate rating associated to the review provided by the customer using the review sentence sentiment.
- Used azure cognitive text-analytics cloud api service for sentiment analysis and further classified the review sentence suited to its appropriated rating.
- Technology Used: NodeJs, javascript.

NEURAL MACHINE TRANSLATION USING ATTENTION MODEL

Nov 2018 - Dec 2018

- This model translates the french sentences to english sentences.
- Model uses attention weights where the focus is on giving attention to every individual word at a particular instant of time in order to generate our desired translated word.
- Compared the model performance with traditional Encoder and Decoder architecture in RNN.
- Technology Used: Bidirectional LSTM, NLTK.

IMAGE CAPTION GENERATION USING LSTM AND DNN

Aug 2018 - Oct 2018

- Generates the most suitable description for any given image.
- Extracted the image features using VGG16 DNN model and trained the LSTM model on text by injecting image features.
- Technology Used: Deep CNN, LSTM.