

Ajitesh Singh

www.github.com/ajitesh-30
ajiteshs10@gmail.com | 8349046175

<http://linkedin.com/in/ajitesh-002>

EDUCATION

JAYPEE UNIVERSITY OF ENGINEERING AND TECHNOLOGY | B.TECH IN COMPUTER SCIENCE

Expected June 2020 | Guna, MP • Cum. GPA: 7.2

EXPERIENCE

TABLEGRABBER | BACKEND DEVELOPER INTERN

June 2019 – August 2019 | Bengaluru, India

- Developed the backend service of Tablegrabber software using Django and API's using Django Rest Framework.

IIIT-ALLAHABAD | MACHINE LEARNING RESEARCH INTERN

May 2018 – July 2018 | Allahabad, UP

- Researched upon Machine Learning and Neural Networks. Implemented various algorithms from scratch with modifying them and researched on their use cases. Reviewed the various methods of Image Tagging.

PROJECTS

TESTIN ONLINE JUDGE

November 2018 - December 2018

- Developed an Open Source Online Judge for Coding Competitions and Programming assignments using Django
- AceEditor API for Code editor, Celery and Redis for Task Scheduling and running the code, Docker Container for sandboxing the code and PostgreSQL as the database.

MULTILABEL IMAGE TAGGING TOOLKIT USING DEEP NEURAL NETWORKS

June 2018 - July 2018

- Researched the problem of Image Tagging using Convolutional Neural Networks and the SVM Algorithm, HOG to extract features and using Triplet Loss for better accuracy of 0.33.

MOVIE RECOMMENDATION API

January 2019

- REST API made using Django Rest Framework for recommending movies to a user as per each movie received.
- The recommendation engine used Collaborative Filtering for recommendation of movies and was made on Netflix Movies dataset.

CUSTOMER SEGMENTATION USING RFM ANALYSIS

July 2018 – August 2018

- Performed RFM Analysis for Segmenting customer on their buying patterns with K Means Algorithm with an accuracy of 92%

PUBLICATION

MULTILABEL IMAGE TAGGING USING DEEP NEURAL NETWORKS | 2018

Review Paper | International Research Journal for Computer Science

SKILLS

FRONTEND: HTML/CSS, Javascript, JQuery, ReactJS

BACKEND: Python, Django, C/C++, Java

OTHERS: Git, Linux, Docker, Celery, Redis, Sql, REST API.