Megham Garg

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EDUCATION

Bachelor of Technology (B.Tech)

Jaypee University of Information Technology

2016 - 2020   *CGPA : 8.7*

- ECE

EXPERIENCE

Full Stack Developer

Paxcom ↗

09/2020 - Present

- Automated the manual process of mapping similar products, and competitor products.
- Above feature helped the company onboard new clients.
- **Reduced the time required for mapping the products by up to 80%.**
- Refactored the code for matching planned and live discount offers, resulted in reduced error reports.
- Improving current sentiment analysis of crawled reviews through most recent NLP research on **Aspect Based Sentiment Analysis, BERT, cosine similarity and RoBERTa**

OM/Data Analyst Intern

Amazon

02/2020 - 07/2020

- Lead a team of 48 Associates along with other Area Managers.
- Worked with SQL, statistics, python, and VBA to observe trends in warehouse damage datasets.
- Took actions around them, thus **reducing warehouse damage by 40% in 3 months.**

Softwate Developer Intern

Oceana Tech ↗

06/2019 - 07/2019

- Lead a team of 15 interns for their NLP project.
- Worked with NLP, Django, Python, MongoDB, pandas, recommendation systems, and google charts.

TECHNICAL SKILLS

C++ Python Javascript React Django

MongoDB PostgreSQL Git Postman

scikit-learn Spacy pandas numpy

seaborn NLP Recommendation Systems

PROJECTS

Instrument and vocals separation from audio ↗

- Used a Google Colab environment.
- Used spectrograms and ratio mask filters.
- Read and implemented research papers of **audio source separation**, **audio fingerprinting**, **audio segmentation** and **audio classification**.

Utensiline an Ecommerce Platform ↗

- Used **Django** for backend, and **React** for the front end.
- This website gives sign-in, signup, cart, user dashboard, and seller panel functionality.
- Integrated it with a Braintree payment gateway.

Hungry Geese ↗

- Developed an algorithm based on DFS and BFS.
- Achieved win rate of 70% against other algorithms including Game AI based model.

Heart Disease Classification ↗

- Used Logistic Regression and tuned it with GridSearchCV.
- Achieved an accuracy of 88.5% on a Kaggle dataset.
- Achieved better results than KNN and RandomForest.

Text Analytics Django Website: ↗

- Took input from the front end, processed input using nltk and vaderSentiment.
- At the back-end stored results in JSON file along with assigned polarity.
- Presented statistical analysis through google charts in front-end.

RANKS

In Top 5% in Hack the Interview Asia Pacific contest. ↗

In Top 4% among 60K participants on Kaggle in a real estate price prediction contest by using XGBoost, Gradient Boosting, and LightGBM ensemble ↗

Ranked 1747 among 10k participants in Google Kickstart 2020 ↗