

Megham Garg

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EDUCATION

Bachelor of Technology (B.Tech)

Jaypee University of Information Technology

07/2016 - 07/2020

CGPA : 8.7

- Electronics and Communication Engineering

EXPERIENCE

Software Developer @Paxom - Paymentus

Workplace/Company

09/2020 - Present

- Automated the manual process of mapping the ID of similar products and competitor products through a SP in **PostgreSQL** in an eCommerce analytics dashboard, thus **reducing the time required for mapping the products by up to 75%**

OM/Data Analyst Intern

Amazon

02/2020 - 07/2020

- fetched data using **SQL** queries, used **python**, and **VBA** for analysis. **Lead a team of approx 50 Associates** along with AM.
- Monitored reports to see trends, and took actions around them, thus reducing warehouse damage by **40% in 3 months**.

Software Developer Intern

Oceana Tech

06/2019 - 07/2019

- **lead team of 15 interns** on a **chatbot**, and **text Analytics project**.
- Worked on **NLP, Django, Python, MongoDB, Pandas, recommendation systems, google charts**.

ACHIEVEMENTS

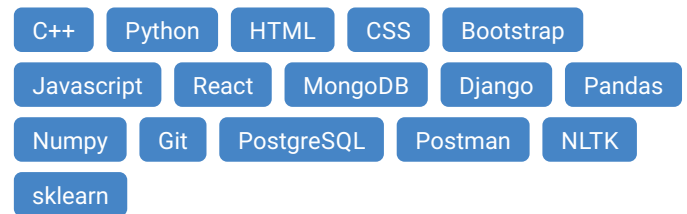
Ranked 1747 in Google Kickstart 2020

Ranked in top 4% among 60K participants on Kaggle in a ML contest of Real estate price prediction contest by using XGBoost, Gradient Boosting, and LightGBM composite

Rank 153 i.e. top 5% in Hack the Interview APAC HackerRank.

Rank 8 i.e. top 0.5% from JUIT on GFG

LANGUAGES AND TOOLS



PROJECTS

Instrument and vocals separation (10/2019 - 12/2019) ✎

- Instrument and vocals separation from a song with python script on a colab env using spectrograms and ratio mask filters, i.e. **oracle filtering**. Used **Librosa** for generating spectrograms.
- Read and implemented **research papers of audio source separation, audio fingerprinting, audio segmentation and audio classification**.

Utensiline (12/2020 - 01/2021) ✎

- used **Django** for backend, and **React** for front end of this ecommerce store.
- This has a signin, signup, cart, user dashboard, and a **separate admin panel**. Configured with a **Braintree payment gateway**.

Text Analytics Django Website: (06/2019 - 07/2019) ✎

- took input from the front end, processed the input in **NLP using NLTK and Vadersentiment**
- At back-end using python, stored results in JSON file, and presented the reports at the front end in Django.
- **classification accuracy of 96%** outperforms individual human raters 84% at correctly labelling the sentiment.

Data analytics Dashboard (06/2019 - 07/2019) ✎

- Used **MongoDB atlas cloud cluster** to store, and fetch data. Used **Django** website with **NLTK, Google charts**. Represented data in form of charts.

Song recommendation Engine (06/2019 - 07/2019) ✎

- Used million song dataset from **kaggle** used it to train a model based on item to **item based collaborative filtering** and generated recommendations for the user

CERTIFICATES

Version Control with Git (06/2019 - Present) ✎

Python Data Structures (07/2018 - Present) ✎

HTML, CSS, And Javascript For Web Developers (06/2018 - Present) ✎

THEORY

