

## Contact

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(LinkedIn)

## Top Skills

Data Science  
Machine Learning  
Natural Language Processing (NLP)

## Certifications

Improving Deep Neural Networks:  
Hyperparameter tuning,  
Regularization and Optimization  
Deep learning and neural networks  
LETTER OF RECOMMENDATION

## Honors-Awards

Letter of recommendation  
45th Position in Tweet Sentiment  
Extraction Competition  
75th Position in Jigsaw Multilingual  
Toxic comment classification  
Challenge

# Tanul Singh

Looking for full time opportunities|Kaggle Master (Rank 21) | Kaggle  
Competition Expert |NLP | Computer Vision  
Kanpur Nagar

## Summary

Tanul is really passionate about data science and machine learning in general, he loves what he does, and is eager to learn . He is looking for full time oppurtunities in data science, he has done two internships in data science domain:-

### 1) Bomisco : Data Science Intern

Developed an end to end ML pipeline (including data collection, modelling and deployment to production) for an email classification system.

### 2) Codersco : Deep Learning Intern

Developed a model for effectively detecting and capturing of text from a blueprint of an Apartment/ Building

Besides doing internships to gain industry experience, Tanul loves to participate in Data science competitions and is very active on Kaggle. He is a Kaggle Notebooks Master (Ranked 21 among 130,000 kagglers in the world) and Kaggle competition Expert (with two silver medals and a bronze medal ranked in top 1 percent).

He has worked across different verticals of machine learning domain like NLP, Computer Vision, Tabular Data modelling, etc and is most proficient in Data Visualization, Feature Engineering, classical Machine learning algorithms, Deep Learning and especially NLP

Below is the list of Tanul's best projects :-

- 1) Language model that can make you laugh
- 2) Detection of Emotion and its cause from text using T5:Transformer
- 3) END to END object Detection Using facebook's Detection Transformer

Tanul is open to oppurtunities, his resume is attached to the profile

## Experience

Coders Co.

Deep Learning Intern

May 2020 - June 2020 (2 months)

Netherlands

Worked as a Deep Learning Intern to develop and test the following :-

- \* A model which takes in blue print of an apartment/building and detects all the text and digits in it, using only a 250 images
- \* Tested different object Detection models using mean average precision and achieved an Map of 0.94 on test set using fasterrcnn
- \* Looking forward to deploy model so that it can be integrated with their product

Bomisco

Data Science Intern

March 2020 - June 2020 (4 months)

Bengaluru, Karnataka

- \* Developed an ML pipeline (from modelling to Deployment) for an email classification system
- \* Used Imaplib and mailparser to read and parse emails directly from mailbox and classify them on the go and scikit learn for processing and model building

Harcourt Butler Technical University

Cultural Secretary

August 2018 - September 2019 (1 year 2 months)

Kanpur Area, India

Head Of Organizing Body of Annual Techno-Cultural Fest ,Spearheaded Cultural Sub-council to organize Annual Cultural Fest Adhyaay , Revamped the complete Event and team structure making it organised,efficient and transparent

PUMA Group

Creative Department Intern

June 2018 - July 2018 (2 months)

work from home

- \* Hired as a creative designer intern at puma for month, day to day tasks included making creative posters for the brands latest apparels.
- \* This internship was offered via an open competition held on intershala

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## Education

Harcourt Butler Technical University

Bachelor of Technology - BTech, Mechanical Engineering · (2016 - 2020)