# Prashant Kikani

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## EXPERIENCE

**Data Scientist at Embibe. Bangalore, India**                                      *Aug 2019 - present*

- Started Neural Machine Translation(NMT) team with a goal of reducing the total cost of language translation without compromising quality. Built & deployed deep learning(NLP) models for translation from English to all major Indian languages from scratch. Reduced total manual effort by >83% per sentence.

- Contributing in research work with the goal of "Infusing Knowledge Graphs in NLP models" like BERT, T5 & Transformers.

- Developed core pipeline for "Insta-Solver". Given a text question, predict solver(s) via which it can be solved.

**Data Science Intern at Reliance Jio, AI CoE. Hyderabad, India**            *Jan 2019 - Mar 2019*

- Developed code pipeline for predicting nearby Point of Interests(PoI) using 24x7 traffic data patterns of a cell tower.

- Developed code pipeline to predict future possible faults/errors in cell towers using the signals emitted by the tower till now. All computations were done in distributed way using PySpark & map-reduce. `proof`

**Machine Learning Intern at CamCom. Bangalore, India**                        *May 2018 - Jun 2018*

- Developed two live company projects namely Car part detection & OCR on price tags; using deep learning & image processing. Also deployed them on Raspberry Pi & worked with motion sensors & Pi camera. `proof`

## EDUCATION

**Dharmsinh Desai University, Nadiad, Gujarat, India**                           *Aug 2015 - May 2019*
B.Tech in Computer Science Engineering                                                 *Overall GPA: 8.34/10*

**Alpha High School, Junagadh, Gujarat, India**                                     *Jun 2012 - Apr 2015*
Higher Secondary Education                                                  *HSC (Std-12) : 93.33%, 99.40 PR*
Secondary Education                                                          *SSC (Std-10) : 93.67%, 99.93 PR*

## MACHINE LEARNING ACHIEVEMENTS

| | |
|---|---|
| **"Master" in Kaggle Competitions** | Rank in top 0.1% among 159k+ active users worldwide. `link` |
| **"Master" in Kaggle Kernels** | Rank in top 1% among 164k+ active users worldwide. `link` |
| **Kaggle NCAA Men's 2021 Contest** | Finished at 9th rank among 707 teams worldwide. `link` |
| **Kaggle PUBG result Contest** | Finished at 13th rank among 1.5k+ teams worldwide. `link` |
| **Kaggle Household Poverty Prediction** | Finished at 18th rank among 619 teams worldwide. `link` |

## PROJECTS

| | |
|---|---|
| **Image Optimizer - JPEG algorithm** | Optimize image by keeping same resolution but reduced size. `link` |
| **Unbeatable Tic-Tac-Toe bot** | Play tic-tac-toe against unbeatable bot online. `play` |
| **Toxic Comment Classifier** | Classify a toxic comment in 6 classes of toxicity. `link` |
| **Movie Recommender** | Recommend movies to users using past data of other users. `link` |

## SKILLS

| | |
|---|---|
| **Languages** | Python, C/C++, Java SE, Bash, HTML/CSS/JS |
| **Web Technologies** | Flask, Gunicorn, Django, MongoDB |
| **Libraries** | PyTorch, TensorFlow, Keras, Scikit-learn, Pandas, NumPy, SciPy, Matplotlib |