

# 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. [arxiv](#)
- 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

B.Tech in Computer Science Engineering

Aug 2015 - May 2019

Overall GPA: 8.34/10

### Alpha High School, Junagadh, Gujarat, India

Higher Secondary Education

Secondary Education

Jun 2012 - Apr 2015

HSC (Std-12) : 93.33%, 99.40 PR

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. <a href="#">link</a>
“Master” in Kaggle Kernels	Rank in top 1% among 164k+ active users worldwide. <a href="#">link</a>
Kaggle NCAA Men’s 2021 Contest	Finished at 9th rank among 707 teams worldwide. <a href="#">link</a>
Kaggle PUBG result Contest	Finished at 13th rank among 1.5k+ teams worldwide. <a href="#">link</a>
Kaggle Household Poverty Prediction	Finished at 18th rank among 619 teams worldwide. <a href="#">link</a>

## PROJECTS

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

## SKILLS

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