

Meghana Bhang

FINAL YEAR STUDENT

Sometimes I make comics other times I am talking about Information Theory.

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Work Experience

Verloop.io

MACHINE LEARNING INTERN

Bangalore, India

May, 2019 - August, 2019

- Created a Person Name extractor customized for multilingual conversations. Tweaked Flair (Facebook's Natural Language Processing library) to work on chatbot specific use cases in English, Spanish and French
- Model pushed to production currently supporting English (F1-0.87), Spanish (F1-0.87) and French (F1-0.81).
- For English, the deployed model achieves a 47 percent improvement over the previous model (FastText)
- Evaluated performance of various text classifiers with language model backing for low resource datasets like ULMFiT, VAMPIRE

Zero Labs

RESEARCH INTERN

Pune, India

May, 2018 - July, 2018

- Created a machine learning powered market place for streamlining transactions between buyers and sellers that intelligently estimates negotiated prices by observing behaviour in the first few manual negotiations

Crysagi Systems

MACHINE LEARNING INTERN

Pune, India

March, 2019 - May, 2018

- Built an end-to-end optical character recognition model using the Google Tesseract library. Maximized processing efficiency by enabling multi threading.

Projects

FashionMNIST Benchmark

BENCHMARK

2017

- Created three Layer Convolutional Neural Network using PyTorch with Batch Normalization that achieved highest accuracy of 0.903

Education

MKSSS's Cummins College of Engineering for Women

B.TECH. IN ELECTRONICS AND TELECOMMUNICATION - CGPA 7.5/10

Pune, Maharashtra

2016-2020

Co-curricular

2019 **Head coordinator and founder** , AICVS (Artificial Intelligence and Computer Vision Society)

Cummins College

2018 **Editorial Team Department Magazine** , Tarang 2018

Cummins College

Publications

IEEE World Forum on Internet of Things (WF-IoT 2019)

LONG-RANGE AND SELF-POWERED IOT DEVICES FOR AGRICULTURE AND AQUAPONICS BASED ON MULTI-HOP TOPOLOGY

Limerick, Ireland

April 2019

4th International Symposium on Smart Electronic Systems (iSES)

DESIGN, DEVELOPMENT AND DEPLOYMENT OF LOW-COST SHORT-RANGE SELF- POWERED WIRELESS IOT DEVICES

Hydrabad, India

December 2018

Talks

PyData Bangalore

EXTRACTING NAMES FROM MULTI-LINGUAL CONVERSATION

Bangalore India

13th July, 2019

- Gave a talk about extracting names from multi-lingual conversations with accuracy score of 0.87 and 16ms compute time