

MANASA JANARDAN BHAT

Amsterdam, The Netherlands

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EDUCATION

University of Amsterdam, The Netherlands

Sept 2018 - August 2020

Research Master in Artificial Intelligence, Specialization - NLP

8/10

- Relevant Courses: Machine Learning, Deep learning, Natural Language Processing, Data Mining

NMAM Institute of Technology, India

Sept 2011 - June 2015

Bachelor of Engineering. Specialized in Computer Science

GPA: 9.6/10 ; TOEFL: 111/120

- Relevant Courses: Data structures and Algorithms, Software Engineering

WORK EXPERIENCE

ZyLAB, Amsterdam, The Netherlands

Nov 2019 - Aug 2020

Graduate Deep Learning(NLP) Engineer

- Emotion and Target Extraction from textual evidence as a legal eDiscovery tool.
- Dataset creation, research and modeling using BERT. (Python/Pytorch)

Synopsys, Bangalore, India

August 2015 - July 2018

Research and Development Engineer

- Product Development of Formality(Formal Equivalence Checking Tool) C/C++
- Development of VHDL/Verilog readers(compilers).
- Development of Debug utilities to improve customer bug fix turnaround time.

PROJECTS

Sentiment Analysis

- Text classification of sentiment polarity of customer reviews using BERT.

Text summarization system

- A pointer-generator network to combine extractive and abstractive summarization techniques using Bi-LSTM with attention and GloVe+ELMo embeddings.

Explainable Recommendation Systems

- Multi-modal explainable recommendation system by generating text(user reviews) using Bi-LSTM with attention and GloVe embeddings.

Hotel Ranking to Maximize Bookings - Expedia Dataset

- Prediction of ranked list of properties for a search query based on click likelihood using Random forests and Boosted Trees Ranker.
- 3rd rank among the 122 teams participated at University level.

TECHNICAL SKILLS

Programming Python, C++

Tools PyTorch, Tensorflow, Keras, Pandas, NLTK, Spacy, Scipy, Scikit-learn, Git, Docker

EXTRA CURRICULAR

Synopsys Global Volunteer

September 2015 - October 2017

- Rebuilding financially poor schools in India

Teach For Good

January 2015

- Teaching science subjects to school children in villages in India