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   *GPA: 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*

· Relevant Courses: Data structures and Algorithms, Software Engineering

WORK EXPERIENCE

Freelancer   Oct 2020 - Present
Artificial Intelligence Consultant

· Consulting on Machine Learning/Deep Learning model development, training and evaluation.
· Supervising junior Data Scientists on developing Machine Learning pipeline.
· Sentiment Analysis using BERT, rule-based, and lexicon based models, Chat-bot development using RASA and Dialogflow.

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

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, Matplotlib, Seaborn, Git, Docker, AWS, RASA, Dialogflow
Basics	HTML, Javascript, Django, SQL