

MANASA JANARDAN BHAT

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EDUCATION

University of Amsterdam, The Netherlands

Sept 2019 - August 2020

Research Master in Artificial Intelligence

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 Machine Learning(NLP) Engineer

- Emotion and Target Extraction from textual evidence as a legal eDiscovery tool.
- Dataset creation, research and modelling 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

Explainable Recommendation Systems

- Multi-modal explainable recommendation system by generating user reviews.

Text summarization system

- A pointer-generator network to combine extractive and abstractive summarization techniques.

Hotel Ranking to Maximize Bookings - Expedia

3rd(/122) rank on Kaggle competition

- Recommender system for modelling user preferences for Expedia website users
- Prediction of ranked list of properties for a search query based on click likelihood.

Lexical Alignment using IBM models 1 and 2

- Word-based lexical translation model to translate between English and French

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

TECHNICAL SKILLS

Programming

Python, C++

Tools

PyTorch, Keras, Numpy, NLTK, Spacy, Scikit-learn, Git, Docker

Scripting Languages

TCL, PERL