



# Vigneshram Ramakrishnan Manjula

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No-103, Chithra township, Darga Road, Zamin Pallavaram, 600043, chennai, India

## ● WORK EXPERIENCE

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01/02/2018 – 18/07/2019 – udine, Italy

### RESEARCHER (INTERNSHIP) – AI LAB - University of Udine

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#### Machine Learning

- Neural Networks
- Deep Learning
- Natural Language Processing
- Data Science
- Evaluation

#### Project

- The keyphrase extraction is performed using Bi-directional long short term memory on a large-scale dataset of about 6000 scientific abstracts which can be used for training, validating and evaluating deep learning approaches.
- A Convolutional Neural Networks (CNN) and Bidirectional recurrent Neural Network that is able to detect the main topics on the input documents without the need of define new hand-crafted features. I use three datasets (Hulth2003, Kp20k, Krapivin) of different size for this keyphrase extraction.

#### Conference - Paper Published

"Arabic Keyphrase Extraction: a Bidirectional LSTM Deep Learning Approach", M. Helmy, R.M. Vigneshram, G. Serra and C. Tasso, International Conference on Arabic Computational Linguistics (ACLing 2018)

15/04/2019 – 18/10/2019

### WEB DEVELOPER (INTERNSHIP) – Cogito

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- PHP Developer
- Symfony (Web Application Framework)
- Sonata (Symfony CMF)
- VirtualBox
- Postman for API Development

Project - Civil Project Management system of Friuli Venezia Giulia

udine, Italy

2014 – 2015

### WEB DEVELOPER (INTERNSHIP) – Sans Pareil IT Service Private Limited

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- Web application development
- Search Engine Optimization
- Information Security
- Scheduling algorithm
- HTML/CSS practices

Project - Online Bus ticket booking website which gives priority to their regular customers using customer IP address. This is carried out by Parallel computation of various processes performed by gang scheduling and aggressive migration supported back-filling algorithm for allocation process.

Chennai, India

## PART TIME JOBS

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CIPL - Web Developer and Sales (2013-2014)

Infomak Technology - Business consultant, Website Design and Sales (2014-2016)

## ● EDUCATION AND TRAINING

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2016 – 2019 – Udine, Italy

**MASTERS IN COMPUTER SCIENCE – University of Udine**

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Courses:

- Artificial intelligence - Automated reasoning - Data warehouse - Operation research - Information Retrieval

Specialization in:

- Machine Learning - Web and Text Retrieval

EQF level 7

2010 – 2014 – Chennai, India

**BACHELOR OF COMPUTER ENGINEERING – KCG College of Technology**

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Courses:

- Artificial Intelligence - Data structure - Object Oriented programming - DBA - Information security - Web Designing

EQF level 6

31/01/2013 – 01/02/2013 – Chennai, India

**HTML5 WORKSHOP – Certified by ORACLE conducted in Anna University**

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24/12/2012 – 28/12/2012 – Chennai, India

**IMPLANT TRAINING ON V-SAT & HF COMMUNICATION IN INTER STATE POLICE WIRELESS(ISPW) – Certified by Ministry of Home Affairs, Government of India**

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18/10/2013 – Chennai, India

**E-LEADER WORKSHOP FOR ENHANCING ENTREPRENEUR SKILL – National Entrepreneurship Network**

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## ● ORGANISATIONAL SKILLS

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### **Organisational skills**

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- Good leadership skills through planning, organizing events, and managing large number of people by playing the role of president in IEDC association
- Good at identification, analyzing and solving of problems
- Good at multitasking and managing all work are completed within the deadlines
- Quick at taking necessary and effective decisions in critical situations

## ● COMMUNICATION AND INTERPERSONAL SKILLS

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### **Communication and interpersonal skills**

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- Good communication skill and team player gained through my part time job as web developer, internship projects, and by working as teams in projects at college
- Good with communicating to large group of people effectively through my interactions in IEDC committee
- Good at understanding the expectation and convincing clients in business environment through my experience gained from multi-level marketing
- Good in socializing with people from different cultures and different environment from my experience as an international student

## ● **JOB-RELATED SKILLS**

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### **Job-related skills**

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- Programming Languages: PYTHON (Tensorflow, Keras), PHP, C, C++, HTML/CSS.
- Versioning Tool: GitHub
- Tools: Wordpress, SEO

## ● **RECOMMENDATIONS**

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