"Aiming an opportunity in a well reputed organization in the field of engineering, solving challenges and strive myself into continous learning. Broader scope to enhance my skills with effective strategy into practice for mutual growth. "

Venkat Ramana Madhavan

PERSONAL INFORMATION	Date of Birth : 30.06.1995 Gender : Male Nationality : Indian
INTERESTS	Signal processing with Artificial Intelligence

PROFESSIONAL EXPERIENCE

e.solutions GmbH Erlangen, Germany　　　　　　　　　January 2019 – May 2019
Internship
Video decoding with H.264 and MPEG2TS standards

Sivantos GmbH Erlangen, Germany　　　　　　　　　August 2018 – December 2018
Working student
Open Source project for meeting protocols

NTT Data Incorporation, Bangalore, Karnataka. India.　　　July 2016 – December 2016
Senior Associate Consultant
Backend Software Development

EDUCATION

Friedrich Alexander Universitat Erlangen-Nuremberg, Erlangen, Bavaria. Germany
Master of Science　　　　　　　　　　　　　　　　　　October 2017 – present
Specialization in Communication and Multimedia Engineering
Tutor for Matlab Preparatory Course - 2018　　　　　October 2018 – November 2018

Jawaharlal Nehru Technological University, Hyderabad, Telangana. India
Bachelor of Technology　　　　　　　　　　　　　　　　　　　2012 – 2016
Field of Electronics and Communication Engineering

COMMUNICATION SKILLS

Mother tongue – Kannada

Levels: A1 and A2 - Basic user ; B1 and B2 - Independent user ; C1 and C2 - Proficient user (CEFL)			
Language	UNDERSTANDING	SPEAKING	WRITING
English	B2	B2	B2
German	B1	B1	B1

FIELD OF STUDY	**Wireless Communications**: Overview study of UMTS, LTE, Physical layer study
	Multimedia Communication: Digital Signal Processing, Image and Video processing algorithms
	Field of Mathematics: Convex Optimization, Statistical Signal Processing
	Practical Orientation: Raspberry Pi, Video Codec, Basics of Arduino

TECHNICAL SKILLS	**Programming and Scripting Languages (Efficiency)**: C(Good), C++(Basic), Java(Good), Python(Good), Javascript(Good), MATLAB(Good)
	Operating Systems: Good working knowledge in Windows, Linux
	Tools: Basic working knowledge in Github, Eclipse, Dev C++, Arduino, Adobe Photoshop, Latex
	Database Tools: Good working knowedge in Oracle, MySql
	Computer Literacy: Good working knowledge on basic word processing software.

HOBBIES	Travelling, Listening Music, Playing Football, Badminton and Table tennis.

PROJECTS	**Bachelor Thesis**
	Engineering Project at RCI, Defence Research Development Organisation, Hyderabad.
	Project Hyperspectral Image Processing for Target Detection using ENVI
	Mini Projects
	Brain Tumor Classification using Probabilistic Neural Network with Matlab Software
	Hardware Implementation of automation in agriculture using Keil Vision and Multisim design
	Software Implementation of Video Codec in cif format with Matlab

MEMBERSHIPS AND CERTIFICATIONS	Member of IEEE from 2015-2016, 2018-till present.
	Member of ISTE from 2014-2016.
	Certifications Neural Networks and Deep Learning by deeplearning.ai, Machine Learning by Stanford University, Introduction to Python for Data Science by University of michigan, Certified Java Professional (SE6) by Oracle.

REFERENCES	Available upon request.

YOURS SINCERELY,

M. Venkat Ramana