Venkat Ramana Madhavan

Curriculum Vitae

Professional Experience

09/20 - present	**Software Developer**, *KADE GmbH*, Munich, Bavaria. Software Development for Communication Testing Instrument CMX
09/19 - 08/20	**Internship**, *Siemens AG*, Nuremberg, Bavaria. Software Development for Implementation of Augmented Reality
01/19 - 05/19	**Internship**, *e.solutions GmbH*, Erlangen, Bavaria. Analysis of Video Decoding using C++ and design of tool using CMake and Qt

Education

Q2 '20	**Nanodegree**, *Udacity*. Natural language processing, AWS Cloud developer
10/17 - 07/20	**Master of Science**, *Friedrich Alexander University*, Erlangen-Nuremberg. Communications and Multimedia Engineering Master Thesis - Radar Target Detection with Algorithms and Deep Learning Student Assistant for Matlab Preparatory Course WS18/19, WS19/20
09/12 - 05/16	**Bachelor of Technology**, *Jawaharlal Nehru Technological University*, Hyderabad. Electronics and Communication Engineering Bachelor Thesis on Hyperspectral Image Processing for target detection

Skills

Systems	Git VS, AI Framework, Software Development, Testing
Programming	Advanced - C++, Angular, JavaScript, MATLAB; Intermediate - Python
Computer Literacy	Word processing software, HTML5, Linux and Windows OS handling
Certifications	Java Certified Professional SE6, Online Certifications in Python and Machine Learning

Languages

Kannada	**Advanced**	*Mother Tongue*
English	**Advanced**	*Fluent and Negotiable*
German	**Intermediate**	*Comprehend and can handle everyday situation*
Spanish	**Beginner**	*Understand and talk basic phrases and greetings*
Hindi, Telugu, Tamil	**Advanced**	*Fluent and Negotiable*

Technical Interests

Autonomous driving, Deep learning

Hobbies

=> Playing Tabletennis, Badminton   => Cooking, Fitness and Adventure travelling

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