

Dhanesh Kumar Solanki

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Academics

- Pursuing MS in Software Systems from B.I.T.S Pilani (WILPD) 2012-14.
- BE from IET ALWAR Under University of Rajasthan 2005-09 with 62.18 %.
- High Secondary School from C.A. No-1 under C.B.S.E BOARD-04 with 52.8 %.
- Secondary School from C. A. No-1 under C.B.S.E. BORAD-02 with 50.8 %.

Professional

- Certificates in A.I (Artificial Intelligence) from Dr. Peter Norvig & Dr. Sebastian Thrun Under Udacity (Online Course) with 100% score.
- Certificate in M.L (Machine Learning) from Stanford (Engineering) University, Stanford (coursera Online Course) with 80% score.
- Certificate in NLP (Natural Language Certificate) from Stanford (Engineering) University, Stanford (courser Online Course) with 86% score.
- Certificate in R-Data from Computing Data Analysis (Coursera Online Course).
- Certificate in Big Data from (Coursera Online Course)
- Certificate in Computational NeuroScience from (Coursera Online Course).
- Certificate in Mobile Robotics from (Coursera Online Course).
- Certificate of Linux Training from Network Nuts under IET ALWAR.
- Certificate of Oracle Training From Accelon Pvt Ltd under IET ALWAR.
- Certificate of Java training From Ducat Noida.

Research & Development

“international competitions”

- **Project Name: EnableTalk-** An Application for enable talking ability of disabled
- **Project Name:** 1st Biometric Recognition with Portable Devices Competition
- **Project Name:** Brain Computer Interaction

Paper Published

- Paper submitted in Springer "Fusion of Multi-slice MR-Scan Images with Genetic Algorithm with Curvelet-transform", to the JOURNAL OF COMPUTATIONAL NEUROSCIENCE”
- Paper Submitted in Elsevier “Fusion of Multi-slice EEG scan Images & Signals for Tumour Detection with EEG-NIMG-14-530”
- Sending one More Paper publish in one 13th IEEE International Conference on COGNITIVE INFORMATICS & COGNITIVE COMPUTING
- Paper submitted under BioASQ workshop on biomedical semantic indexing and question answering 2013.

Books

Review:-

Hadoop Beginner's Guide By **Garry TurKington** from Packt Publication.

Hadoop MapReduce Cookbook By **Srinath Perera & Thilina Gunarathe** from Packt Publication.

Hadoop Real-World Solutions Cookbook By **Jonathan R. Owens, Jon Lentz & Brian Femiano** from Packt Publication.

Memories with Maya – The science of Augmented Reality and AI in a Transhuman society from **Clyde DeSouza**.

Getting Started with Greenplum for Big Data Analytics-by **Sunila Gollapudi** from Packt Publication

Personal Research Book:-

Electronic Brain Signals Into Computer's with Robot looking to publish it into End of 2014.

Making of Electronic Brain with Electric Signals looking to publish it into mid of 2015.

Extra Curricular Activities and Achievements

- **Technology Advisor Member In LockSchuppen-FutureLab2056.**
- **Volunteer Member Under “MIT USA “SONA LAB” “for behaviors processing Online.**
- **Online Developer under “LEAP MOTION” for PROCESSING OF GESTURE WITH HUMAN BRAIN.**
- **Developer under “Aster TeraData” from Processing and making new apps for R Tool to process Data.**
- **Seniors Technical Member Under “Vibrant Data Lab” for Decision Tree for Human Virtual Data with MAP R.**
- **Member and Reviewer of International Association of Computer Science and Information Technology (I.A.C.S.I.T.), Singapore.**
- **Member of International Association for Automation and Robotics “ I.A.A.R.C.”**
- **Member of INTERNATIONAL ASSOCAITION OF ENGG “IAENG”.**
- **Member Hacker.org.**
- **Member of International Research Association for Talent Development and Excellence (*IRATDE*).**
- **Member of *Laboratory Robotics Interest Group (LRIG)*.**
- **Certificate from NASA Mission STS 133, STS 134, STS 135 with Singularity university “Nasa Campus”.**

Programming Language and Technology Knowledge Known and

- Programming Language: C, C#, PHP, Java, R and Python
- CMS: Wordpress
- Scripting Language: JavaScript, JQuery, XML.
- Data processing Machine Learning, R with OLAP,OLTP
- IDE: Matlab 2008,2012, Visual Studio-2008/2010/2012, AVR Dude
- Database: MS SQL Server-2005/2008, Oracle 10i, My SQL, Access
- Operating System: Debian, Ubuntu, Linux & Windows
- Virtualization Tool: XEN Hypervisor(<http://www.xenproject.org/>)
- Business Intelligence Tool: Pentaho (www.pentaho.com) and aligned tool for Pentaho
- Project Management Tool: Vertec (www.vertec.com)
- Other: OCL (Object Control Language)
- Open Source: OpenGL, Open CV, Java ML, Open Muscle Model, JCUDA, EYE-EEG, MRI-EEG,EEGLAB, BSP SIGNAL TOOL BOX,Open Signal 2.0, Open worm, Open EclipseBrainstorm, Brain Explorer 2 & Open R Analysis Tools Etc...

Interest Area

- Brain Computer Interface
- Computational Neuro Science
- Digital Image Processing with Neuro Image & Signals
- Natural Language Processing
- Machine learning