Dharin Shah

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About Me

I am a recent graduate from K.J Somiaya College of Engineering, Mumbai with BE in Infromation Technology. I have interests in *Theoretical Computer Science*, *Software design* and *Performance Engineering*.

Education

2011–2015	**Bachelor in Information Technology**, *K.J. Somaiya College of Engineering*, Mumbai, Aggregate - 55%.
2009–2011	**Higher Secondary**, *Patkar Varde College*, Mumbai, 67%.
1999–2009	**Secondary School**, *Dr. S. Radhakrishnan Vidhyalaya*, Mumbai, 82%.

Skills

Languages	Java, Matlab, C, C++, Python, JavaScript, Assembly(Intel)	*Order based on Exposure*
Operating System	Linux (Arch Linux, Ubuntu), Windows, FreeBSD	
Version Control	Git, SVN	
Miscellaneous	Discrete Mathematics, UML, Object Oriented Design Patterns, LaTeX	

Projects

Final Year ⌂	**Music Genre Classification and Detection Using Augmented Neural Networks** Designed and Implemented a Supervised Learning model to detect the genre of Music using 400 Training Samples and Selected Feature Set (**Matlab**)
Learn Sanskrit 🤖	**Android Application for Sanskrit Teaching Group under RIIDL** Developed an Android application in the 2nd year under RIIDL (**Java**)
Game Engine ⌂	**A 2D Game Engine implemented in Java** A basic 2D game engine designed and implemented in Java with ongoing enhancements as branches (**Java**)
Other Small Projects ⌂	Dynamic Image Loading Puzzle Game, K-Means Applet Animation, Agglomerative Clustering Applet Animation, GifView in Android, 2D Robot Simulator

Publication(s)

IJCA Publication 📄	Paper based on Final year Project - Classification of Music Genre using Neural networks with cross entropy optimization and Soft-max output