

Dharin Shah

About Me

I am a recent graduate from K.J Somaiya College of Engineering, Mumbai with BE in Information 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

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