



NARENDRA JOSHI

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 <http://github.com/narendraj9>

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SKILLS

Languages	<i>Proficiency:</i> C, Python <i>Learning:</i> Haskell <i>Used:</i> Shell Scripting, C++, Ruby, Lua, R, Octave
Technology	Linux, git, emacs, L ^A T _E X 2 _ε
Coursework	<i>Curriculum:</i> Microprocessors, Microcontrollers and Applications, Digital Electronics, Neural Networks and Fuzzy Logic, Wireless Communication Systems <i>MOOCs:</i> Learning From Data, Circuits and Electronics, Machine Learning, Algorithms, Computer Networks

EDUCATION

National Institute of Technology, Hamirpur: B.Tech E&CE	CGPA: 8.38
Bal Bharati Public School, Noida: CBSE XII	82% marks
Karl Huber School, Gaziabad: CBSE X	94% marks

ACADEMIC PROJECTS

Speaker Identification	Implemented speaker identification using MFCCs and Support Vector Machines on the ZYBO board from Xilinx. We installed Xilinx on the ZYBO board. <i>Code:</i> http://github.com/narendraj9/speaker-reco
Voice Controlled Robots	As part of <i>The ARM Design Challenge</i> , our team designed a game that involved voice-controlled robots built on the mbed-platform. I worked on the voice recognition part and used CMU pocketsphinx library. I had to adapt the acoustic models for Indian voice. <i>Code:</i> http://github.com/narendraj9/recoSpeech https://mbed.org/users/narendraj9/
Diary Manager	Developed a diary managing application in C that used AES for encrypting the contents.

PERSONAL PROJECTS

Customized my ArchLinux Installation with scripts to improve my productivity on web. I maintain my dotfiles and setup github repositories very meticulously.
Implemented tic-tac-toe in C (to learn about game trees).
Solved the Travelling Salesman Problem using Self Organizing Feature Maps in R.
I have all of my little projects on github: <http://github.com/narendraj9/>

MISCELLANY

Open Source Community	I have contributed to gtg (Getting Things Gnome, a note taking application written in Python3). I am taking part in Eudypatula Challenge (currently on task 06). I aspire to become an active contributor to the Linux Kernel after completing the challenge.
Interests	I write poems here: http://www.vacarie.in and about technology here: https://njournal.quora.com . In my free time, I am usually reading or writing answers on Quora.