



NARENDRA JOSHI

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SKILLS

Languages *Proficiency:* C, Python
 Learning: Haskell
 Used: Shell Scripting, Java, C++, Ruby, Lua, R, Octave

Technology Linux, git, emacs, L^AT_EX 2_ε

Coursework *Curriculum:* Microprocessors, Microcontrollers and Applications, Digital Electronics, Neural Networks and Fuzzy Logic, Wireless Communication Systems
MOOCs: Introduction to Functional Programming, Learning From Data, Circuits and Electronics, Machine Learning, Algorithms, Computer Networks

EXPERIENCE

SAP Labs Associate Developer (Aug 2015 - Present)

EDUCATION

National Institute of Technology, Hamirpur: B.Tech E&CE	CGPA: 8.45
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.
Code: <http://github.com/narendraj9/speaker-reco>

Voice Controlled Robots As part of *The ARM Design Challenge*, 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.
Code: <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

Solved the Travelling Salesman Problem using Self Organizing Feature Maps in R.
Customized my ArchLinux Installation with scripts to improve my productivity on web.
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) in the past.

Interests I have written a few poems here: <http://blogger.vicarie.in> and about random technical stuff here: <http://vicarie.in> and <https://njournal.quora.com>. In my free time, I am usually reading or writing answers on Quora or learning more of Haskell. <https://www.quora.com/Narendra-Joshi-1>. I am learning Linux kernel development through the Eudypula Challenge.