

MAHESH M HEGDE

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Aim

To be associated with group/ organisation which does intuitive work.

Educational Qualification

B.E. (Currently Studying in 7th sem) in Telecommunication Engineering from People's Education Society Institute of Technology (**PESIT**) Bengaluru, an Autonomous Institute under Visvesvaraya Technological University, Belgaum, with an aggregate of **6.55 CGPA**.

P.U.C. from **CBSE** Board with **85.16%**, with Physics, Chemistry & Maths Aggregate of **91.00%**, from Jawahar **Navodaya** Vidyalaya North Canara.

S.S.C. from **CBSE** Board with **85.50%** from Jawahar Navodaya Vidyalaya North Canara.

Technical Skill Set

- ❖ Languages : - Matlab , C, C++, Assembly, VHDL
- ❖ Softwares and IDE : - Codeblocks, CMake, Guide(UI framework in matlab), Qt Framework,Git.
- ❖ Operating Systems : - Linux(3 years)Fedora,Kubuntu, Linuxmint, familiar with customized kernel compilation and using gentoo.Windows 7

Projects**❖ MATLAB:**

Notes extraction from Lecture video,Optical Character Recognition, Chess Video to PGN file(image processing), Eigen face recognition, Object Detection(machine learning) Music learning Toolkit, Basic Image Editor(Guide framework) PCRO using pc as CRO and signal generator(in progress).

❖ OPENCV:

Vehicles counting (based on template matching), Camera positioning(using Open-TLD Arduino).

Github:<https://github.com/maheshmhegade>

Activities

Technical:

- ❖ Advanced track student @ml-class conducted by Professor Andrew Ng(Director of the Stanford Artificial Intelligence Lab) .
- ❖ Workshops attended:Speech Processing(hands on sphinx speech recognition architecture),Technical paper writing.
- ❖ Associated with FSMK(free software movement karnataka) and PES-Open source community and organiser of AYANA-2012.
- ❖ Yahoo Open Hack India-2012(Participating as Hacker)

Non-technical:

- ❖ Won third prize in College level Chess tournament in pesit,and play chess very often which is my hobby.
- ❖ I was a medical leader at JNV panchavati,identifying my caring nature.
- ❖ Playing football and swimming.

Areas Of Interest

- ❖ Linear algebra, Digital Image processing and Computer Vision,Linux at UI level.
- ❖ Computer Network and Hardware.
- ❖ Device Drivers and Operating system customization at kernel level .

Personal Profile

- ❖ Date of Birth : 18 January 1991
- ❖ Sex : Male
- ❖ Nationality : Indian
- ❖ Languages known : Kannada,Hindi,English,Telugu
- ❖ Father Name : Mahabaleswar R Hegde