

Yadu Nand B

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CAREER OBJECTIVE To be part of a reputed organisation where cutting edge technology and development in Computer Science is undertaken. I endeavour to apply my skills as an engineer to make meaningful contributions to the community.

EDUCATION	<i>Bachelor of Technology</i>	Present,2007-2011
	College of Engineering, Trivandrum	
	Computer Science and Technology	
	Expected completion: Summer 2011	
	CGPA : 7.4/10	<i>till semester 4</i>
	S4 GPA : 7.1	
	S3 GPA : 7.8	
	S1-S2 GPA: 7.3	

Junior College 2005-2007
St.Antony's Public School, Anakkal
Physics, Chemistry, Maths, Computer Science option
AISSCE Aggregate : 93.6%

<i>High School</i>	2005
Girideepam Bethany Central School, Kottayam	
AISSE Aggregate : 94.6%	

COMPUTER SKILLS *Languages:* C ,C++ ,BaSH ,L^AT_EX 2_ε
 Database: PL/SQL ,SQL
 Tools: Git, gdb
 Operating Systems: Different linux flavours.Windows 7.Vista

EXPERIENCE *Natural User Interface Project* Winter, 2010
 Funded by CS dept,CET
 Best Project Award, CETEX 2010.

- Implemented a cheap alternative to conventional multi-touch screens using IR Pens. The project involved designing and improvising hardware as well as modifying open-source, Natural User Interface software to work with the hardware.

Project Blinkenlights Winter, 2010
 Funded by CS dept, CET

- Project Blinkenlights involved the development of a 16x8 LED panel which is fully programmable. The panel can be controlled from a GUI to display text, images, animation etc. The project involved hardware wiring and interfacing with a computer as well as GUI development using Qt libraries.

Contributed to a patch for FFMPEG Fall, 2009
 Guide, Jai Menon (Co-maintainer FFMPEG)

- Participated in the hackfest at IIT madras on FFMPEG which is a widely used multimedia suite. I was able to contribute to the development of Psygnosis yop(game video format) decoder. The patch has been accepted and is in the commit queue.

Mini-Project : Distributed Video Encoding

Fall, 2009

- Conducted research, design and implementation of a Distributed Video Encoding software as Mini-Project. The software reduces the encoding time of large video files by distributing the processing load over several computers in a local area network. The software was developed in C using operating system, multimedia and networking concepts extensively.

**HONORS
AND
AWARDS**

Award for best project at CETEX 2010 (*Natural User Interface Project*)
National Talent Search Scholar
Open Source University Meetup, Leader at CET
Award of Excellence in Chemistry by The Royal Australian Chemical Institute

**EXTRA-
CURRICULAR
ACTIVITIES**

Founded **FOSSCET**, The FOSS club of CET
Organised several sessions as part of **FOSSCET** club activities
Event coordinator of *HashBang* , a bash scripting event at Aavishkar 2009
Active member of FSUG-TVM
Involved in setting up Local mirrors for various linux flavours at CET

PARTICIPATION

Indian Science Congress, Delegate	Trivandrum
International Workshop on Distributed Systems, Delegate	IIT Madras
foss.in , Delegate	Bangalore
Hackfest at Shaastra 2009	IIT Madras
Nvidia-CUDA workshop at Shaastra 2009	IIT Madras
FOSSTER 2009, Delegate	Amrita Vishwa Vidyapeetham ,Kollam
Barcamp Kerala 5	Technopark, Trivandrum
Shaastra 2008	IIT Madras

HOBBIES

Amateur rocketry
Reading

**PERSONAL
DETAILS**

Permanent address:
Yadukul ,
Plot No.1 ,
Diwanpuram,Hsg Colony ,
Moolavattom P.O ,
Kottayam 686026

Present address:
Sreeragam ,
Ambady Nagar ,
Lane 3A ,
Sreekaryam ,
Trivandrum 695016

DATE OF BIRTH : Dec 1, 1988

REFERENCES

Will be provided on request.