

R NARESH

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

UNDERGRADUATE STUDENT AT INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR

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EDUCATION

2013-2018 (EXPECTED)	B.Tech and M.Tech (Dual Degree) in COMPUTER SCIENCE AND ENGINEERING Indian Institute of Technology , Kharagpur	CGPA: 7.05/10.0
2013	Class XII, CENTRAL BOARD OF SECONDARY EDUCATION (CBSE) Maharishi Vidya Mandir SSS , Chennai	SCORE: 95.6%
2011	Class X, CENTRAL BOARD OF SECONDARY EDUCATION (CBSE) Kendriya Vidyalaya Picket , Hyderabad	CGPA: 10.0/10.0

SCHOLASTIC ACHIEVEMENTS

- Secured 99.33 percentile in JEE Mains 2013
- Secured 98.11 percentile in JEE Advanced 2013
- Secured AIR 415 in ACM ICPC - Amritapuri online round

TECHNICAL SKILLS

LANGUAGES	C, C++, Java <i>Familiar with HTML, MySQL</i>
OPERATING SYSTEMS	Microsoft Windows, Linux (Ubuntu)
SOFTWARES AND IDES	ROS, git, Code::Blocks, Visual Studio, Netbeans, \LaTeX

PROJECTS UNDERTAKEN

CURRENT FEB 2015	Kraken 3.0 (AUTONOMOUS MOBILE ROBOT) Group: Autonomous Underwater Vehicle Research Group , IIT Kharagpur Guide: Professor C. S. Kumar - Worked in the Image Processing Team to implement algorithms in OpenCV for the bot to successfully complete multiple tasks. Got familiar with designing and implementing the control stack of the bot and scheduling tasks to run on the system using ROS.
APRIL 2015	Medical Lab Automation System Guide: Professor Partha Pratim Das - Developed a software based on JAVA for a Medical Lab Automation System which handles and automates the requests of the management and patients including the scheduling of tests, managing stocks, etc. 3 separate records were maintained for handling the tasks and SQL was used for interfacing with the database.
MARCH 2015	Microsoft Code.Fun.Do - Developed an intra-college social networking app with real time feed from registered users that would serve as a platform for official and unofficial announcements within the college. Windows Azure was used for database management and development was primarily done with Visual Studio.
DEC 2014	Object Follower Robot Group: Technology Robotix Society , IIT Kharagpur - Using the openCV library, written the code for a WSAD robot which can follow the path using the directives sent by overhead camera whose recorded images were processed and the movement instructions were generated.

POSITIONS OF RESPONSIBILITY

CURRENT	Senior Editor and Co-Governor , Technology Literature Society, IIT Kharagpur
CURRENT	General Secretary , CodeClub, IIT Kharagpur
APR 2015	Team Member , Google Students Club, IIT Kharagpur

COURSEWORK

(T)HEORY AND (L)ABORATORY

- Programming and Data Structures (T/L)	- Algorithms-I (T/L)
- Discrete Structures	- Software Engineering (T/L)
- Formal Languages and Automata Theory	- Switching Circuits (T/L)
Currently Studying:	
- Algorithms - II	- Compilers (T/L)
- Computer Organisation and Architecture (T/L)	- Matrix Algebra