

SREE THEERDHA CHARUGUNDLA

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EDUCATION

2015 - 2020(Expected)	B.Tech and M.tech (Dual Degree) Major: Computer Science and Engineering	Indian Institute of Technology CGPA: 9.43/10
2015 2013	Higher secondary Education secondary Education	Percentage: 98.5/100 GPA: 9.8/10

COMPUTER SKILLS

Proficient: C/C++, JAVA, OPENCV, GIT, VERILOG, \LaTeX
Intermediate: PYTHON, MATLAB, PHP, HTML, CSS, MYSQL, ROS, TENSORFLOW

INTERNSHIPS

JUNE 2016 - JULY 2016	OPEN SOURCE FRAME WORKS (YII) AND MySQL STORED PROCEDURES <i>Idea Entity Solutions , Hyderabad</i> Developed a content management system for storing articles. Front end included HTML,CSS and Back end was developed using PHP and MySQL.
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PROJECTS

Jan 2017 - April 2017 PROF. PRALAY MITRA	COMPILER FOR MINIMATLAB <i>IIT Kharagpur</i> <ul style="list-style-type: none">Designed a compiler for MiniMatlab(A shorter version of matlab) which makes use of the International Standard to support basic arithmetic and matrix operationsDesigned regular expressions and used Flex tool to create a lexical analyzerDesigned Phrase structure and used Bison tool to create a ParserThree address code and target code generation were done for machine specific translation
Jan 2017 - April 2017 PROF. SUDIP MISRA	AIRLINE MANAGEMENT SYSTEM <i>IIT Kharagpur</i> Developed an Airline Management System that helps the users to book flights without visiting offline booking counters, using Java swing including OOP concepts and file Handling, as part of Software Engineering course
Novemeber 2016 CODE.FUN.DO	WEB ALARM - A WEB APPLICATION Developed a web application that restricts its user from accessing a particular website for specified time as a part of Coding competition organized by Microsoft. HTML, CSS were used for the front end and JavaScript for the back end. Azure Services were also deployed for the project.

RELEVANT COURSEWORK

Database Management Systems*	Operating Systems (Theory and Laboratory) *
Probability and Statistics	
Compilers (Theory and Laboratory)	Software Engineering (Theory and Laboratory)
Computer Organization and Architecture (Theory and Laboratory)*	

ACADEMIC ACHIEVEMENTS AND HONOURS

- Changed my department to Computer Science and Engineering from Electronics and Electrical Communication Engineering with an **Institute Rank of 2** by the end of first semester.
- All India Rank 960 in IIT JEE Advanced 2015

- All India Rank 119 IIT JEE Main 2015

INTERESTS AND ACTIVITIES

- Programming mentor for first year students at Student Welfare Group, IIT Kharagpur
- Volunteer at National Service Scheme, India.
- Junior Associate, Entrepreneurship Cell IIT Kharagpur.
- Actor and Script Writer, Prasthanam-Technology Dramatics Society