Sai Bhargava Ramu

Education	**INDIAN INSTITUTE OF TECHNOLOGY, MADRAS**, *Dual Degree*, Engineering Design Department, Currently CGPA: 7.52 SRI CHAITANYA JUNIOR KALASALA, *XI and XII*,Intermediate , 2013 Percentage: 97.3 Dr. KKR GOWTHAM INTERNATIONAL SCHOOL, *X*, AP SSC, 2011 Percentage: 94.3

Achievements

AIR 2838 in JEE Advanced 2013
AIR 989 in JEE Mains 2013
Selected for KVPY scholarship in the year 2013

Coursework

Geometric Modeling and CAD	Control Systems
Mechanics and Design of Mechanisms	Automotive Engines and Systems
Industrial Automation and Robotics	Mechatronics System Design
Offshore and Coastal Structures	Design for X
Process Optimization*	Applied Time Series Analysis*

Skills

Languages: python,C++,C.
Web Development: HTML, CSS, JavaScript (basic knowledge).
Design Software: Autodesk Inventor, AutoCAD,
Software as tool: Mathematica,MATLAB
Others: familiar with github (https://github.com/sai-github)

Experience

Summer Intern   May-July 2016
Caterpillar EDC-INDIA   Chennai
Worked with Engine Structure Simulation team and developed several
automation scripts in Abaqus-python which increased sectional efficiency by 3%

Summer Intern   June-July 2014
iB Group   Hyderabad
Part of Feedback Management team and was involved in getting User base.
Had exposure in value creation and marketing.

Projects

Smart Laptop Stand: Designed and prototyped laptop stand with
telescopic legs using bamboo,cane and cane weave.Had Product Development
experience right from choosing a concept to transforming into product

Project with SGRI: To ideate and explore different strategies
in automotive glazing.

Position of Responsibility

Coordinator: Mechanica Open Quiz(2015). Conducted a quizzing event along with
a coordinator in Mechanical & Engineering Design Department's Fest.

Interests

Solving challenges on Hackerrank and Codeforces
Learning new technologies and content (from Coursera, Khan Academy, Udacity etc)
Participated in code.fun.do organized by Microsoft in 2015