

SRIVATSAN AADITHYA SWAROOP

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OBJECTIVE:

To pursue Masters in Electrical Engineering with specialization in Image Processing and hone my skills and knowledge that I gain through the program and apply it in the service environment.

ACADEMIC QUALIFICATION:

Year	Qualification	Name of school/college	Percentage/CGPA secured
2008-2012	B.E Electronics and Communication Engineering	Sri Sairam Engineering College(affiliated to Anna University, Chennai)	7.52 CGPA (10 scale)
2007-2008	Senior Secondary education (12 th grade)	D.A.V Higher Secondary School (State Board syllabus)	84.58 percentage
2005-2006	Class 10	D.A.V Higher Secondary School (Matriculation syllabus)	84.63 percentage

TECHNICAL SKILLS:

- Software known : MATLAB, XILINX, UNIX, C++

AREA OF INTEREST:

- Digital Image Processing
- Digital Electronics
- Robotics

MINI PROJECT:

Project Name : MUSICAL KEYBOARD WITH TOUCH SENSITIVITY

Description : To remove the difficulty in playing keyboard, the pressing patterns of the keys are changed into touch sensitive patterns. The main advantages are:

- The stress in playing the normal keyboard is relaxed
- The vibrato is experienced without a pitch bend
- Physically challenged people can play this with ease

FINAL YEAR PROJECT:

Project Name: VIRTUAL VISION FOR VISUALLY CHALLENGED PEOPLE

Description : To help the visually challenged people to be independent throughout their life without the aid of any secondary aid devices like walking stick, etc. The main advantages are:

- To reduce the complexity of their daily cruise
- To support them throughout their future endeavors after a single time investment which is worth spending.

This project won the **FIRST PRIZE** in the college conducted project exhibition and this has been framed as a paper and it has been submitted to many International Conferences, including **ICRA 2013 - IEEE International Conference on Robotics and Automation, Germany**.

IN-PLANT TRAINING AND INDUSTRIAL VISIT:

- Visited ALL INDIA RADIO at Avadi, Chennai for industrial visit in 2009.
- Underwent In-Plant training in AIRPORTS AUTHORITY OF INDIA (AAI), CHENNAI in June, 2011.

CO CURRICULAR ACTIVITIES

- Published a paper, “**IMAGE PROCESSING AND NANOTECHNOLOGY IN THE DIAGNOSIS AND MEDICATION OF CANCER**” at the International conference hosted by **World Academy of Science, Engineering and Technology (WASET)**, SINGAPORE on 28th of September, 2011. This paper was modified and was published in the **IEEE International Conference** held at **Cape Institute of Technology**, Kanyakumari on 16th December 2011.
- Completed a certification on Robotics at Prime Automated Robotic Centre (PARC) India by October, 2012.
- Won 1st place in paper presentation event held at K.C.G College of technology, Chennai in September 2011.
- Won 2nd place in paper presentation event held at S.R.M. Easwari College of engineering, Chennai in February 2012.
- Won the 3rd place in an event CEREBRA took place in ANNA UNIVERSITY, CHENNAI in February 2011.
- Participated in various events during schoolings and in college symposiums.

EXTRA CURRICULAR AND SOCIAL ACTIVITIES

- Won the district level runners up in TABLE TENNIS in 2007-2008.
- Won the first place in GROUP DANCE in the INTER D.A.V. fest held in 2007 and won the second place in GROUP DANCE in SAI CARNIVAL in 2011.
- Has performed as a drummer and a violinist, both at school and college light music band SAI SHRUTHI.
- Has been the member of IEEE AND IETE and has been the student chairman of IEEE STUDENT CHAPTER of the college.
- Has been a regular donor of blood and a regular contributor to the Child Trust Centre at Nungambakkam, Chennai.

PERSONAL SKILLS:

- Team leader
- Committed worker
- Strategic Planner
- Team player

PERSONAL DETAILS:

Name	Aadithya Swaroop
Father's name	Srivatsan
Date of Birth	October 3 rd 1990
Gender	Male
Nationality	Indian
Marital status	Single
Languages Known	Tamil, English and Hindi (Read, write and speak)
Hobbies	Playing Guitar, Singing, Reading books, Listening to music, Playing Football.

Yours Sincerely

(SRIVATSAN AADITHYA SWAROOP)