



CURRICULUM VITAE

SARBARTHA SENGUPTA

M.Tech
Department of Computer Science and Engineering
Indian Institute of Technology, Bombay

Phone No: +919820692656
Email id: sarbartha@cse.iitb.ac.in
sarbarthasengupta@gmail.com

Objective:

To effectively utilize my skills and abilities in the field that offers Professional growth while being resourceful, innovative and flexible.

Educational Details:

| Qualification | Stream | Year of Passing | Institute | University/ board | CPI / marks in % |
|------------------------|---------|--------------------|---|--------------------------------------|------------------------------------|
| M.Tech | CSE | 2013 (Expected) | IIT Bombay | IIT Bombay | 8.23 (till 1 st sem) |
| B.Tech | IT | 2010 | RCC Institute of Information Technology | West Bengal University of Technology | 8.2 |
| Class 12 th | Science | 2006 | Bhadrakali High School, Uttarpara | W.B.C.H.S.E. | 72.1 |
| Class 10 th | General | 2004 | Uttarpara Govt. High School | W.B.B.S.E. | 74 |

Subjects taken in M.Tech:

Semester 1 : Artificial Intelligence, Computer Graphics, Program Analysis.
Semester 2 (running) : Natural Language Processing, Advance Computer Graphics, Introduction to Philosophy of mind.

Technical Skills:

Operating Systems : Linux (Ubuntu, Fedora, RedHat) , Windows (XP, Vista, 7)
Programming Skills : C, C++, Java, Python
Web Technology : HTML, JSP, PHP
Area of Interest : Natural Language Processing, Artificial Intelligence, Computer Graphics.

Projects :

1. Creating an animated unicycle performing on a stage using OpenGL in C++ under the guidance of Prof. Parag Chaudhuri in IIT Bombay in 2010.
2. Implementation of Cohen-Sutherland Clipping Algorithm with OpenGL Animation to show the working of the algorithm with animation in 2010.
3. Creating an 8-puzzle solver using the A* algorithm and GTK+ libraries in 2010.
4. Generating language-free representations from natural language geometry problem statements under the guidance of Prof. Utpal Garain, Indian Statistical Institute, Kolkata in 2009-2010.
5. Designed a software model based on the RSA encryption algorithm for the annual Technical Festival of the college using ncarsis libraries in C in the year 2007.

Working Experiences:

1. Currently working as a part time Research Associate in Application Software Cell, IITB.
2. I was a trainer at the Teachers' Computer-Training Programme at WestBengal State University, Barasat, as a part of IOTA and ilug-cal.org, on 2nd, 3rd and 4th October 2008.

Academic achievements:

- Obtained 82 percentile in 5th National IT Aptitude Test conducted by NIIT.
- Stood First in the Model Making Competition, Second in the Coding Competition in the annual Technical Festival of the college in 2007.
- Obtained Scholarship in the HCL CDC TALENT HUNT EXAMINATION in 2007.

Co-Curricular activities:

- Was a member of the Editorial board as well as the Designer of college magazine WASSUP.
- Was the Founder member of Students' Linux Users' Group of RCCIIT, Kolkata.
- Was a member of the organizing team of Techfest of RCCIIT in 2008 and 2009.
- Was a placement volunteer of the college in 2008-09.
- Underwent The Infosys Campus Connect Soft-skills Training and The Infosys Campus Connect Technical Training.
- Was a part of the runners team in Cognizant Carnival 2008.
- Was participated in the Transition 09 in Cognizant in paper presentation and short film making contest.
- Participated in the Tech fest'11 at IIT Bombay.
- I am a Fedora Ambassador from India since 2008 and am actively involved with its Free Media Programme (<https://fedoraproject.org/wiki/User:Sarbartha>).
- I am a joint founder member of the Linux Users' Group (LUG) in our college, and also maintain its website (www.lug-rcc.webs.com).
- I jointly manned the Fedora booth at Science City during the IOTA convention on 'Freedom in Computer Technology' on 26th, 27th and 28th December 2008.
- I jointly manned the IOTA stall at the Kolkata Book Fair 2009.

Personal Information:

Name : Sarbartha Sengupta
Father's Name : Pradip Sengupta
Mother's Name : Anasua Sengupta
Date of Birth : 1st June 1988
Sex : Male
Marital Status : Single
Nationality : Indian
Passport status : Available
Hobbies : Designing, Photography, Drawing.
Language Known : Bengali, English, Hindi
Permanent Address : 55/1 Nilmoni Som Street, Bhadrakali, Hooghly, West Bengal-712232 , India
Current Address : Hostel – 12, room – B514, IIT Bombay, Powai, Mumbai – 400076 , Maharashtra, India.

Declaration:

I do hereby declare that the statements made here are true and correct to the best of my belief and knowledge.

Date : 12-Jan-2011

Place: Mumbai, India

Sarbartha Sengupta