

ALIMPAN BARUA
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ACADEMIC QUALIFICATIONS

YEAR	BOARD & EXAMINATION	INSTITUTION	% / CGPA
2005	C.I.S.C.E. (Xth std.)	Stewart School, Bhubaneswar	94.8 %
2007	C.H.S.E. , ORISSA (+2 Science)	B.J.B. Junior College, Bhubaneswar	86.4 %
2011	B.Tech(Hons.) in Computer Science & Engg.	Indian Institute of Technology, Kharagpur	7.64 (till 6 th semester)

ACADEMIC ACHIEVEMENTS

- Ranked among the top 2% of 4,00,000 students in the country who appeared for the **IIT-JEE, 2007**.
- An **N.T.S.E.** scholar of 2005 batch (an examination which selects 1000 students out of 50,000 candidates).
- Made it to the 2nd round of **Indian National Astronomy Olympiad**.
- Was placed in the top 10% in the state in the 1st round of **Indian National Chemistry Olympiad, Indian National Physics Olympiad & Regional Mathematical Olympiad** in Std. –XII.
- Ranked **3rd** in school and **10th** in the state in **I.C.S.E.(Xth std)** .
- Ranked **20th** in the state in **C.H.S.E. (Std. XII)** examinations.

RESEARCH EXPERIENCE/ INTERNSHIP

- Summer Internship in Infosys Technologies Limited (May '07- June '07)**
 - Completed a project on “**Analysis of Influencers in Social Network Mining**” in the field of **Information Retrieval**.
 - Conducted research on various techniques to be applied on a social-network and extract information which leads to discovery of influencers within a network.
- Presently involved in my B.Tech project titled “**Bengali-Hindi translation system using Statistical Machine Translation (SMT)**” in the field of **Natural Language Processing** under the guidance of Prof. Sudeshna Sarkar, Department of Computer Science & Engineering.
- Was involved in a project entitled “ **Named Entity Recognition in Geographical Text “ (May '06- June '06)** in the field of **Information Retrieval** under the guidance of Prof. Pabitra Mitra, Department of Computer Science & Engineering and has published a research paper on it under the title “**Co-occurrence based Place Name Disambiguation and its application to retrieval of Geological Text**” which was accepted in **The Second International Conference on Web & Semantic Technology (WeST-2010)** held in Chennai.
- Worked in a project on **RubyonRails** under the guidance of Prof. A.K. Majumdar, Department of Computer Science & Engineering.

TECHNICAL SKILLS

- **Operating Systems** – Windows(XP,Vista), Linux, Unix
- **Languages**- BASIC, C, C++, Java, Verilog , Python, MATLAB, PHP, MYSQL, Datalog, SPIM
- **Packages**- LaTeX, HTML,XML, Ruby
- **Technical Softwares**- AutoCAD, Adobe Photoshop, Adobe Premiere, Adobe Dreamweaver, Adobe Aftereffects.

RELEVANT COURSES UNDERTAKEN

• Programming & Data Structures	• Software Engineering
• Electrical Technology	• Compilers
• Algorithms-I	• Computer Organisation & Architecture
• Discrete Structures	• Cryptography & Network Security
• Signals & Networks	• Algorithms-II
• Electronics	• Operating Systems
• Formal Language & Automata Theory	• Theory of Computation
• Switching Circuits & Logic Design	• Database & Management Systems
• Machine Learning	• Operations Research
• Computer Networks*	• Information Retrieval*
• Ubiquitous Computing*	• Algorithms for Bioinformatics*

*- Courses to be completed by November,2010

EXTRA-CURRICULAR ACTIVITIES

- Participated in “**Bharat Ki Aath Quiz Contest**” for our school conducted by **Derek O’ Brien**, noted quizmaster in Shillong, Meghalaya.
- Received scholarships in **Orissa Association of ICSE Schools Talent Search Exam** for 3 consecutive years.
- Received scholarship in **National Anagram Painting Contest** securing 1st position in the state.
- Represented our hall in the **Inter Hall Clay Modelling** event in my 2nd yr.
- Represented our hall in the **Inter Hall OpenSoft** event in my 3rd yr.
- Received accolades in numerous quiz and painting contests.
- Was a volunteer in **KSHITIJ-2008**, largest techno-management fest in India, held in our institute.
- Was a volunteer of **National Service Scheme** in our institute for 2 years.
