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Sourabh S Shenoy

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| Career Objective |  | ? |
| Internships /Mentorship /Work Experience |  | Microsoft mentorship, MTC August 2014 – Current (2 years) Working on a project comparing index size, indexing time and performance against benchmark data on Azure across Solr, Elastic Search, Indri, Terrier, Lemur and Xapian. This will help me gain significant insight on the working of these Search Engines and deploying them on Azure. summer intern, nit-k surathkal summer 2014 Worked on Simulating 6 RIPng Protocol Scenarios in NS3 and documented the same under **Dr. Mohit P Tahiliani**. This was done prior to having a Networking course and NS3 had only 1 scenario then. It helped me understand core Networking concepts and working of Open Source Systems. intern, infosys mangalore summer 2010 Worked on “mInfy Travel Services”, a tool that helps Infosys Employees book/cancel cabs that shuttle between the two Infosys Offices in Mangalore after the Admin and Boss’ approval.  Technologies Used: HTML5, CSS, JavaScript, JQuery, MS Access, SQL, JSP English teaching volunteer, make a difference June 2013 – april 2014 Volunteered to teach English to underprivileged kids during weekends at a shelter home.  Received “Best English Teacher” and “Best Fundraiser” recognition. |
| Other major Projects |  | TCP Evaluation suite in ns3 Final Year project (2015)Working on developing an Evaluation Suite in NS3 that enables Researchers to evaluate their TCP extensions against standard TCP and other extensions using standard test conditions under the guidance of Dr. Mohit P Tahiliani and […]Boyer-moore string matching for genome sequencing Summer 2015 Working on implementing BM approximate string matching Algorithm for Genome Sequencing using CUDA as a part of Summer Research Internship under **Dr. Neelima B Reddy.** postgres ordbms Worked on changing the buffer page replacement policy of PostgreSQL Database from Clock Sweep algorithm to others such as LRU, 2Q, MRU as a part of MTC program at Microsoft Bangalore. Also went through various modules like indexing (Hash and BTree), MVCC, Deadlocks in Postgres etc.  Microsoft Presentation , More detailed list of projects can be found at https:/github.com/sourabhshenoy |
| major Achievements |  | * One among 30-odd students (Out of 400+) selected for “Exposure to Software Development” program as a part of **“Catch Them Young (CTY)**” at **Infosys** Mangalore.   + Among the 2 Projects that got selected for demonstration on Valedictory   + Among the 2 selected at the end for a month long Internship * College Topper among about 900 students from 7 branches of engineering in **Crack the Campus**, a series of Aptitude tests conducted by the Placement Department. * **Microsoft Technology Associate** for HTML5 Application Development * Co-ordinated 15 days CCNA Training Program by Network Bulls – ACM, IIT DELHI * Organized “The Entertainer” event in “Anandotsav”, a State level cultural fest * Won 1st prize in “Limca Book of Records” Quiz and got selected for National Level Semi Finals. Also participated and won in various other State and District level Quizzes. * Volunteered to work as a Web Casting Officer for the LOK SABHA Elections, 2014 * Web Development head of Computer Society of India, Nitte Chapter. Volunteered for numerous CSI events. |
| skills |  | |  |  | | --- | --- | | PROGRAMMING LANGUAGES | C, C++, Python (PROFICIENT) | |  | JAVA, Ruby on Rails (MODERATE) | | FUNCTIONAL PROGRAMMING | Haskell (MODERATE) | |  |  | | MISC | GitHub | |
| Education |  | Bachelor of engineering (b.e) (Computer science) CGPA: 9.24 (Upto 6th sem) NMAM Institute Of Technology, Nitte, Karnataka.  **Class XII –Department of pu education, karnataka 94.50%**  March 2012, Canara PU College, Mangalore – 575001.  **Class X – karnataka State board 93.66%**  March 2010, Canara High School, Urwa, Mangalore. |