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SOURABH S SHENOY

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.

<u>Microsoft Presentation , More detailed list of projects can be found at https:/github.com/sourabhshenoy</u>

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.
    - o Among the 2 Projects that got selected for demonstration on Valedictory
    - o 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.