

Anusha Prasad Dasarakothapalli

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- OBJECTIVE** Seeking a Software Engineering/Development Internship for Summer 2014
- EDUCATION** *Masters in Computer Sciences*
University of Wisconsin-Madison, Expected Graduation - May 2015
Bachelors in Computer Science and Engineering
College of Engineering Guindy, Anna University, India (Aug 2009 - June 2013)
- SKILLS** C/C++/Java
Python/Perl/CSS/HTML/R
MySQL
- RESEARCH/
INTERNSHIP
EXPERIENCE** *Database Research* Spring 2014
Currently, I am a research assistant under [Prof. Jignesh Patel](#). I am working on building a user defined aggregate function to generate Tag Clouds for queries on OLAP data cubes, using Hive.
- Sentiment Analysis in Twitter* Fall 2013
As a course project for Data Models and languages with [Prof. AnHai Doan](#), I developed a sentiment analyser for tweets using heuristics as well as decision trees using Perl and Java.
- Database Research* Fall 2013
I performed independent research in databases under Prof. Jignesh Patel for which I worked on developing a **queue management system** in SQLite3 using C++ and SQL.
- Computational Biology research* Fall 2013
I also worked as a research person under [Dr. Irene Ong](#) in the Wisconsin Energy Institute where I am mined the E.Coli genome for DNA sequence patterns using Perl, C/C++ and R
- Indian Institute of Technology, Madras* Summer 2011
As a summer research intern under Prof. Pandu Rangan in Cryptography I performed a literature survey in **ID based cryptography** in an effort to find a research gap.
- New York University* Summer 2012
As a research assistant under Prof. Dennis Shasha, I developed a **secure transactional document sharing system** called "JustMyFriends" using PHP, HTML and CSS. The system maintained security guarantees which included adding the possibility of document structure, adding role based access control and maintaining anonymity with respect to the server.
- PROJECT
EXPERIENCE** *Collaborative and Synchronous Search Engine*
Developed a Collaborative and Synchronous Search Engine using PHP, HTML, CSS and Java implementing both inter-group and intra-group collaboration
- Android Application Development*
As a project display for the technical festival Kurukshetra 2012, I, along with 3 others developed a "**Blood Donation Automator**". It was based on location tracking of a person for the purpose of blood donation requests from a hospital.

On-campus jobs Scheduling database

I developed a jobs scheduling database for my undergraduate institution to help recruiters connect with the students, including provision to conduct online tests.

Social club portal

I worked on developing an **E-service application** Social club portal which has details of all the clubs in the city, helping people find new clubs, join the clubs, maintain connections with people from other clubs and avail products from a club at low and discounted prices.

**GRADUATE
COURSES**

Fall 2013

Advanced Databases(CS764)

Data Models and Languages(CS784)

Spring 2014

Machine Learning(CS760)

Introduction to Operating Systems(CS537)

**UNDERGRAD
COURSES**

Design and Analysis of Algorithms

Introduction to databases

Data structures in C/C++

Database Tuning

Natural Language Processing

Probability and Queuing Theory

Introduction to Operating Systems

Software Engineering

Computer Networks

Web Technology and Java Programming

Computer Graphics

Artificial Intelligence and Graph Theory

REFERENCES

Prof. Jignesh Patel

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