

## TARKESH MAHAJAN

2142 Oak Street, Los Angeles, CA – 90007

(213) 308-0117

<http://www-scf.usc.edu/~tmahajan>

tmahajan@usc.edu

### EDUCATION

#### University of Southern California, Los Angeles, CA

Master of Science in Computer Science (GPA: 3.8)

Expected Grad: May 2008

#### Course work at USC:

Computer Networks

Database Management

Web Technologies

Software Engineering

Analysis of Algorithms

Artificial Intelligence

#### University of Bombay, Mumbai, India

Bachelor of Engineering in Electronics Engineering (GPA: 3.9)

Sept 2001 – July, 2005

### TECHNICAL SKILLS

#### Programming Languages:

Java, Java Swings, C, C++, VB, UNIX script programming, COBOL, JCL, ProC

#### Technologies:

JSP, HTML, DHTML, CSS, JavaScript, XML.

#### Application tools:

M/S project, M/S Visio, Dream weaver, QMF, ISPF, MATLAB

#### Database:

Oracle 10g, DB2, PL/SQL, Xquery

#### Operating systems:

Windows, UNIX

### WORK EXPERIENCE

#### Infosys Technologies Limited (1.5 years)

##### Software Engineer

Aug 2005 – Dec 2006

##### Client – ANTHEM Blue Cross Blue Shield

Apr 2005 – Dec 2006

Designed a critical module, coded and tested it on client machine.

Query management, database maintenance, analyzing and bug fixing of daily job abends.

##### Client – Royal Bank of Canada

Feb 2005 – Apr 2005

Database maintenance and design, developing queries for transaction management.

##### Larsen And Toubro Limited. Final year project:

Jun 2004 – Mar 2005

Developed a C++ application code for L&T software division to display a real time analog rudder angle on a smart LCD screen. Coding was done on a tool called paradigm C++.

### ACADEMIC PROJECTS

#### Spatial database project:

Designed a USC surveillance system implementing features of spatial data in oracle 10g. Designed front end using JAVA SWING and oracle as its backend.

#### Socket programming:

Implemented a peer to peer file sharing using UNIX socket programming.

Designed a bootstrap server, peers and its providers sharing data over the network.

#### Web development:

Designed a front end using HTML, DHTML and JS.

Designed a web page using XML parsing and DOM functionality compatible for all browsers.

### AWARDS/ACHIEVEMENTS

Received cash prizes for academic performance from L&T

Won IEEE programming and debugging contest held at inter-college level.

Stood third at IEEE circuit building contest held at an university level.

Won first prize in Math & Logic contest at inter college technical festival.