

SHAUNAK MALI

2353 Portland St, Apt 28
Los Angeles
CA 90007

smali@usc.edu
Tel: (213) 280-8190
<http://www-scf.usc.edu/~smali/>

EDUCATION

M.S. Computer Science (Specialization Software Engineering) (GPA 3.25) (May 2010)

University of Southern California, Los Angeles

Courses: Software Engineering Software Architecture Web Technologies
Software UI and Design Analysis of Algorithms Database Systems

B.S. Computer Science (First Class) (May 2008)

University of Pune, India

Courses: Data Structures Operating Systems
Computer Networks Network and Information Security

SKILLS & PROFECIENCY

- **Tools** Net Beans, Eclipse ,Visual Studio .Net, MS Project, MS Visio, Xcode 2.1
- **Database Systems** MySQL, MS-SQL
- **Technologies** JavaScript, JSP,AJAX, Apache Tomcat,
- **Operating Systems** Windows XP/Vista, Linux, Mac OS X 10.6
- **Languages** C, C++, Java, HTML, Objective C
- **Software tools** COCOMO II, DART

UNDERGRADUATE PROJECT EXPERIENCE

Distributed Network Toolkit: Developer (Distributed Networks) (Final Year Project)

- Developed a distributed compiler for Persistent Systems Ltd. India
- Designed an efficient algorithm for the distribution of tasks over a distributed network
- Used the concept of Simulated Annealing to select the optimum node for the distribution of task
- Adjudged as Best final year (undergraduate) project in college for 2008

GRADUATE PROJECTS AT USC

Online Peer Review System: Quality Lead + Feasibility Engineer (Web Technologies) (Fall 2008-Spring 2009)

- Worked in a team of 8 students to developed a system for USC Engineering Writing program
- Interacted actively with client to understand requirements and performed feasibility analysis for the project
- Developed a web interface for the students and faculty to submit and review essays
- Generated test cases and configuration management plans to ensure product quality
- Used Visual Studio 2008 and ASP .Net to develop the system

Interactive USC campus map for iPhone: Developer (Mobile Development) (Fall 2008)

- Worked in a team of 3 students to develop an application for the iPhone to display the map of USC
- Involved in designing of GUI and user interaction
- The application was built in Xcode and compatible with iPhone OS 2.2
- The Interface Builder tool was used to design the interface for the application

E-Commerce Shopping Website: Developer (Web Technologies) (Summer 2009)

- Designed an online shopping website for a furniture manufacturing company using HTML
- Made a shopping cart in which user could add/remove/modify products before buying
- Created an administrator page, to manage users/products and manager page to view statistics
- Deployed web services for the various operations of the web site

OTHER ACTIVITES

- Worked at the USC office of annual giving to raise funds for USC through alumni donation
- Worked as a mentor to middle school kids through USC community service organization
- Member of the organizing committee of undergraduate national level technical event