

# SOPHIA KRISHNAN

55 Main Street, Apt # 55 Santa Clara, CA 95555 (408) 555-5555 [smaster5555@me.com](mailto:smaster5555@me.com)

## OBJECTIVE

A full time Software Development position

## EDUCATION

**Santa Clara University**, Santa Clara, CA

**Master of Science in Computer Engineering**, expected March 20xx

Overall GPA: 3.5/4.0

**Undergraduate College of Engineering**, India

**Bachelor of Science in Computer Science**, June 20xx

Overall GPA: 3.86/4.0

**Awards:** Gold Medal for highest GPA in the Class of 20xx

## RELEVANT COURSES

Software Tool Design, Object Oriented Programming, Client/Server Programming, Internet Architecture, Unix Network Programming, Network Analysis, Operating Systems, Computer Architecture, Database Management Systems, Compiler Design

## TECHNICAL SKILLS

**Operating Systems:** UNIX, Windows NT/2000, MS-DOS

**Programming Languages:** C, C++, Java, VB, VC++

**Java Technologies:** EJB, JSP, Servlets, JDBC, Java Beans

**Web Technologies:** HTML, DHTML, Java Script, XML, XSLT

**Scripting Languages:** PERL, Shell Script

**Databases:** Oracle 8i (PL/SQL), MS Access

**Applications:** Oracle Forms/Reports, Developer 2000

**Networking:** TCP/IP, UDP, ICMP, DHCP, RIP, OSPF

## GRADUATE PROJECTS

**Hotel Reservation System:** Used Object-Oriented methods to analyze, design (UML) and implement a GUI-based system to assist the front desk staff of a small, local hotel. The model is multi-threaded, UNIX-based, and written in C++ and PERL.

**Echo Server:** Implemented a **Client/Server Application** to illustrate communication between java objects running on different machines using Java IDL and Java RMI.

**Online Book Store:** Developed a website for purchasing cartoons using HTML for front-end design, PERL as CGI. GUI is enhanced with Custom tags. Servlets are used to interact with database.

**Inter Process Communication:** Implemented an application in C using Unix IPC mechanisms such as PIPES, SYSTEM V MESSAGE QUEUE, SOCKETS.

## INTERNSHIP

Indian Association of Engineers Summer 20xx

Designed and programmed a scheduling and registration system for the annual conference, using VB and MS Access. The application successfully processed information for over 2000 attendees.