

# JUSTINSANTAMARIA

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**objective** To obtain a full-time position as the manager of a software development team that delivers innovative consumer-focused products and services.

## **work experience**

### **Apple Inc.**

#### **Manager, iPhone Communications Applications**

**6/2009 - Present**

Cupertino, CA - Engineering manager of the team responsible for the user interface and functionality of the Phone and Messages applications of iPhone OS. These applications provide voice calling, visual voicemail, text messaging (SMS), and picture/video messaging (MMS) features. Work with engineers, project managers, marketing managers, executives, and mobile phone carriers to determine featuresets, track issues, scope, & deliver the next release of iPhone OS.

#### **Software Engineer, iPhone Applications**

**9/2006 - 6/2009**

Lead developer on SMS application for first three releases of iPhone. Lead architect for Microsoft Exchange ActiveSync (EAS) support for iPhone 2.0. Designed and developed MMS for seamless integration into the Messages application for iPhone 3.0. Co-wrote and developed framework to optimize device battery life while maintaining persistent network connectivity. Designed and implemented initial versions of the VPN stack and Bluetooth pairing user interface. Implemented message alert system notifications including USSD, SIM Toolkit, and SMS alerts. Worked on mail, mobile phone, and preferences applications.

#### **Software Engineer, Internet Technologies**

**6/2004 - 9/2006**

Contributed to two major releases of iChat instant messaging communications software. Created the Jabber (XMPP) implementation and maintained XMPP & Bonjour communications protocol stacks in iChat. Implemented several iChat enhancements including multiple account logins, improved file transfer support, new chat transcript look and feel. Created de-facto standard for icon transfer among Jabber clients. Implemented UI and front-end components for To-Do support in Apple's Mail application for Mac OS X.

#### **Build Engineer, Applications Division**

**7/2003 - 6/2004**

Provided build support to several engineering teams. Worked on internal development projects regarding build system automation. Co-wrote the automated Windows build system for Windows products.

### **Sun Microsystems**

#### **Software Intern, Java Compatibility Tools and Standards**

**6/2002 - 9/2002**

Santa Clara, CA - Designed and wrote Java software to allow access and query capability of XML files.

## **education**

### **Stanford University**

#### **Bachelor of Science, Computer Science**

**9/1999 - 6/2003**

Stanford, CA - Coursework included: operating systems, computer networks, computer organization, computer graphics, human-computer interaction, compilers, artificial intelligence. GPA: 3.5/4.0

### **Cathedral High School**

#### **High Honor Diploma**

**8/1995 - 5/1999**

El Paso, TX - Class Valedictorian. GPA: 4.0/4.0

## **interests**

food, coffee, design, music, computer science education, public speaking, selling cars, poker, television, infomercials, the game

## **jargon**

iphone os, mac os x, cocoatouch, cocoa, objective-c, c, java, c++, tcp/ip, xml, sms, mms, instant messaging, aim, jabber, xmpp, bonjour

*other experience*

**Stanford University**

**Residential Computing Associate**

9/2002 - 6/2003

Stanford, CA - Managed 26 Residential Computer Coordinators (RCCs) for the Row Houses on Stanford campus. Held training meetings with RCCs and served as the primary point of contact for any issues that arose. Coordinated correspondence between the Row Office, the Office of Residential Computing, and RCCs on the Row.

**Residential Computer Coordinator**

9/2001 - 6/2003

Educated residents on all aspects of computing at Stanford, consulted with residents on computer-related problems, and supported in-room network connections of dorms.

**Section Leader for Introductory Programming Class**

1/2001 - 3/2003

Led group discussion section teaching fundamentals of programming methodology in the C programming language. Ported the Stanford programming libraries from the Macintosh Classic API to Carbon. Worked with professor, head teaching assistant, and section leaders to ensure a consistent class offering and to transition the Stanford introductory programming class from C to C++. Created handouts, assisted in creating assignments and exams.

**Course Coordinator for Consulting Class**

1/2001 - 6/2001

Organized and planned a class which gave students the requirements necessary to become UNIX workstation consultants. Created and graded homework assignments, organized guest lectures and gave lectures.

**UNIX Workstation Computer Consultant**

9/2000 - 12/2000

Answered telephone queries and assisted users with using UNIX workstations and software for multiple platforms.

**Rocky Mountain Mortgage Company**

**Information Systems Department Assistant**

6/2000 - 9/2000

El Paso, TX - Worked as a technician and troubleshooter for 60-plus computer wide area network. Assistant network administrator for Microsoft Windows NT network of machines. Created & maintained intranet site for company.

**Mountain Vista Builders, Inc.**

**Network Administrator & General Assistant**

Summers 1995-2000

El Paso, TX - Set up a Windows NT client-server network for backup, sharing, and e-mail purposes (2000). Created & maintained a program to keep track of color selections (1999). Successfully designed and assembled a proposal to build 80 houses for the city of El Paso by the company. All 80 houses were awarded to the company (1996). Implemented sales tracking program for new home sales (1995). Was General Assistant to several managers. Created company website.