

# KAI CHRISTIANSEN

748 Castro Street, Apt. #2, San Francisco, CA 94114

Phone: (415) 676-9615 ♦ Email: kai@earsense.org

## PROFILE

- ◆ Top-notch software engineer with over 25 years of professional experience and a BS in computer science
- ◆ Fierce attention to organization & detail with ace skills for trouble-shooting, problem-solving, testing and quality assurance
- ◆ Stellar verbal communication and presentation skills: professional teaching, radio shows, lectures
- ◆ Superb writing and editing skills: training manuals, user guides, web content and published articles
- ◆ Excellent interpersonal skills featuring passion, diplomacy, active listening and patience: teaching, cross-functional teamwork, customer service, account management, technical support
- ◆ Ultra High-level of computer literacy from end-user client to the most low-level technical geek

## LANGUAGE, TOOLS AND SYSTEM EXPERIENCE

- ◆ Content management: Wordpress and Drupal including custom templates, plugins, PHP coding, etc.
- ◆ XHTML / DHTML, CSS, JavaScript, JQuery, AJAX, PHP, JSP, JHTML, XML, XSLT, MySQL, Flash / ActionScript, HTTP / CGI, WebObjects / EOF, ATG Dynamo, Unix shell scripts, Tcl, SQL and JDBC, UML
- ◆ Java, Objective-C, C++, C, LISP, Pascal, Various assembly languages
- ◆ BBEdit, HomeSite, GoLive, Dreamweaver, Photoshop, FrameMaker, JavaDoc, Peak, clearcase, subversion, ant, maven, SCCS, CVS
- ◆ Mac OS X, Cocoa and IOS, (NeXTSTEP), Unix / Linux (several flavors), Windows (several flavors)

## EDUCATION

- ◆ BS in Computer Science, Wayne State University, Detroit, MI
- ◆ Two years of undergraduate studies at Stanford University, Stanford, CA

## PROFESSIONAL HISTORY

### Consultant / Contractor — Kai Christiansen Web Services

*2007-Present*

- ◆ Development and maintenance of several independent web sites with a variety of clients small and large
- ◆ Continued work on earsense, a musical education and appreciation portal for chamber music
- ◆ Occasional tutoring and mentoring of CS students and staff

### Senior Web Developer

Babycenter, LLC, San Francisco, CA

*September, 2005 – May, 2007*

- ◆ Lead front-end developer and integrator for store.babycenter.com
- ◆ DHTML, CSS, Javascript, AJAX, JHTML, JSP, XSLT and Java, within ATG Dynamo 5 application server
- ◆ Cross-browser support including IE, Mozilla and Safari

### Founder and Chief Creative Developer

earsense, San Francisco, CA

www.earsense.org

*2003 - 2006*

- ◆ Research / develop / implement website for non-profit foundation for educational music appreciation
- ◆ Prototype web applications for music database, account management, and “studylists”
- ◆ Consult, train and engineer for web sites and applications using diverse technologies including Mac OSX Coca, WebObjects, and standard web technologies including HTML, CSS, JavaScript, Flash, PDF and Java
- ◆ Contract web application and site development for a variety of external clients

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### Curriculum Manager and Senior Developer Trainer

Apple Computer, Inc., Cupertino, CA

1997 - 2003

NeXT Software, Inc., Redwood City, CA

1995 - 1997

- ◆ Design / implement technical curricula for engineers: *WebObjects, Cocoa, Mac OSX, OpenStep, NeXTSTEP*
- ◆ Manage / deliver open-enrollment and on-site technical courses including intensive training “academies”
- ◆ Master design / Implementation details OS platforms, languages (Java, Objective-C), frameworks (Foundation, AppKit, EOF, WebObjects) and tools (Xcode, Project Builder, Interface Builder, EOModeler, WebObjects Builder, debuggers)

### Senior Software Engineer, Systems Management

SCO, Santa Cruz Operation, Santa Cruz, CA

1993 - 1995

- ◆ Engineer for *SCOadmin*: suite of OO distributed client/server management apps (including library API)
- ◆ Research / consult for in-house automated testing and configuration management tools
- ◆ Technical liaison to developer / client communities including formal presentations and consultations

### Senior Software Engineer, Operating/Development System

SCO, Santa Cruz Operation, Santa Cruz, CA

1988 - 1993

- ◆ Engineer numerous UNIX OS / DS projects: Pentium prototype OS port, device drivers including SCSI, POSIX conformance, debuggers (adb, sdb, Codeview), object file translators (OMF, COFF)
- ◆ Research OS futures (OSF/1, BSD, Mach, Microkernels; prototype fast kernel memory allocation)
- ◆ Escalation team member for troubleshooting and resolving complex problems
- ◆ Technical liaison to developer / client communities including on-site projects
- ◆ Design / deliver technical seminars for developers (*OSF Pmap, BSD VM, Kernel Subsystems, Lex and Yacc, adb and sdb, Visual Tcl, Debugging Approaches*)

### Technical Instructor

SCO, Santa Cruz Operation, Santa Cruz, CA

1986 - 1988

- ◆ Design / deliver technical engineering courses for various Unix products and technologies (*System Administration, Shell Programming, C Programming, Advanced Unix Programming: System Interfaces and Tools, Developing Device Drivers, Kernel Internals, Networking and Communications*)

### Lead Consultant

WSU Computer Services Center, WSU, Detroit, MI

1984 - 1986

- ◆ Technical / administrative lead of consulting services for academic / commercial users on diverse mainframe and microcomputer systems: hiring, training, mentoring, evaluating and developing consulting staff
- ◆ Design / deliver end-user seminars (*Using the Mac, Using the IBM-PC, Displaywriter, Lotus 1-2-3, MTS, Magnetic Tapes, Modems and Communications*)
- ◆ Administrator of and site liaison to *Merit Network* / Internet community (University Postmaster)