

brian james tarricone

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experience

Fanhattan, LLC san mateo, california

senior software developer (4/2011-present) – Build low-level framework using OpenGL ES 2.0 (Java and C/C++) on Android for online TV/movie search and aggregation platform.

Kno, Inc. santa clara, california

software lead, developer framework (10/2009-2/2011) – Lead developer for 3rd-party SDK and graphics/input/desktop software stack for a Linux-based single- and dual-screen textbook-focused e-reader. Wrote build system and hacked on build and development tools.

Netgear, Inc. san jose, california

software developer (9/2006-10/2009) – Developed and maintained kernel, system scripts, and custom utility libraries for a Linux-based networked set-top audio/video player. Ported and maintained client software on MacOS X. Maintained toolchain and build tools. Managed small off-site QA group.

engineering product manager (8/2004-9/2006) – Managed interaction with outside hardware and software firms to develop and bring to market new multimedia products based on marketing requirements. Tested and verified product features and performance. Assisted with troubleshooting customer issues.

Xfce Project <http://www.xfce.org/>

core developer (2/2004-9/2009) – Maintained the xfdesktop module of this open-source UNIX/Linux-based desktop environment on a volunteer basis. Designed and implemented enhancements to Xfce as a whole, as well as authoring a new configuration storage system. Provided end-user support.

Cornell Information Technologies ithaca, new york

software developer (2/2001-7/2004) – Assisted in the implementation of new server- and client-side authentication methods using Kerberos. Maintained the group's private development network.

Baltimore Ahimsa Yoga Center baltimore, maryland

software contractor (1/2003-7/2004) – Built web-based software in perl to track financial records and student activity. Set up internal network and firewall to serve the Center's website and email.

education

Cornell University ithaca, new york

bachelor of science (8/1999-12/2003) – Electrical and Computer Engineering. Concentration: VLSI, digital systems, and computer organization

skills

Languages

Proficient: C, Objective C, Perl, Bash, (X)HTML, CSS. *Competent:* C++, Java, Ruby, Javascript, PHP. *Familiar:* Matlab, Verilog, Cast, CHP/CSP

Operating Systems

Linux (Gentoo, Ubuntu/Debian, Fedora/Red Hat), MacOS X (10.4-10.6), Windows 2000/XP, Solaris 8/9/10

Frameworks

Xlib, Gtk+, Clutter, Dbus, OpenGL ES2, WebKit, Cocoa, Cocoa Touch (iOS), Android

Applications/Tools

Apache, MySQL, GNU autotools, GCC, GNU make, CVS, Subversion, Git, Apple Xcode/Interface Builder, Eclipse