

Kevin Coyle

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Experience:

Netflix – Los Gatos, CA June 2012 – Current

Senior Software Engineer – Partner Engagement Team

- Provide engineering support to partners porting the Netflix SDK onto partner hardware.
- Explore and implement new functionality such as HTML5, audio mixing and offline demonstration support.

Broadcom Corporation – Santa Clara, CA October 2006 – June 2012

Principal Engineer – Media PC / Set top box

- Directly provided engineering assistance to Fujitsu and Toshiba on Media PC PCI-E HD video decoder software.
- Architected and implemented InstallShield and NSIS installers for Media PC software.
- Architected and implemented automated test harness for Media PC software.
- Co-ported Adobe Flash Lite for the Digital Home, AIR 2.5 for TV and AIR 3.0 for TV.
- Architected and implemented automated test harness for Flash Lite for Digital Home.
- Provided engineering assistance to application engineers and customers/partners using Adobe AIR/FLDH.
- Authored documentation, examples and CES demonstration material for Adobe AIR/FLDH.
- Ported Netflix and owned Netflix relationship.

Sony Semiconductor Network Company - Tokyo, Japan January 2005 – August 2006

Application Software Manager – LSI Business Division 2

- Architected SDK for audio SoC for use in portable digital audio players and cellular phones.
- Implemented initial versions of application, framework and abstraction layers for SDK.
- Led team to complete SDK for on-time deliveries.
- Worked with marketing and sales to provide schedules, identify potential customer needs, and address technical concerns in both Japan and the United States with internal teams and customers.

National Semiconductor - Tokyo, Japan July 2002 – February 2004

Senior Software Applications Engineer – DVD Division

- Directly provided engineering assistance to consumer electronics customers and partners (such as JVC, Panasonic and Sony) relating to software and hardware issues. Identified problems and determined its source, offered solutions when possible, defined responsible teams and delegated. Maintained close relationships with customers and distributors to ensure timely resolution of issues.
- Implemented SACD support. As the sole engineer, worked with Sony Semiconductor to achieve design wins with other Sony divisions.
- Architect of automated test tool for internal QA team. Lead discussions with QA, identified needs, evaluated potential solutions, defined custom language, defined communication protocols, authored comprehensive technical documentation, implemented proof-of-concept and implemented framework for QA.

National Semiconductor - Hong Kong, China March 2002 – July 2002

Senior Software Applications Engineer – DVD Division

- Directly interfaced with Chinese customers and key Korean customer LG, to provide technical support related to software issues. Addressed client issues on-site.
- Responsible for instructing and advising new Embedded Software manager in development procedures and customer support guidelines.
- Evaluated Chinese clients' software engineering capabilities to report to Product Line for future business direction.
- Primary engineering contact for new non-DVD projects, such as Ethernet set-top box.

National Semiconductor - Fremont, CA June 1999 – March 2002

Software Applications Engineer – DVD Division

- Provided SDK training and engineering support to top tier customers such as JVC and LG. Served as primary technical liaison, interfacing with clients on and off-site.
- Build manager for Embedded System, QA and Software Application groups. Responsible for branching, making releases and updating scripts.
- Drove customer and internal issues with appropriate priority to meet customer deadlines as the primary issue investigator and problem assigner for ES team.
- Developed in-house system simulator for a proprietary DSP core and peripheral hardware to allow faster debugging and testing for the DSP group.
- Maintained and grew the DSP group's development tools including assembler and hazard checking utility.

National Semiconductor - San Diego, CA January 1999 – June 1999

Audio Applications Co-Op

- Investigated DSP coefficients for CODEC filters using Matlab.

Skills: C, C++, x86 assembly, MIPS assembly, Perl, ActionScript, lex, yacc, Matlab, RTOS, Linux, Clear Case, Perforce, CM Synergy, DSP, oscilloscope, Audio Precision System 2

Education: B.S. in Computer Engineering - University of California, San Diego