

Patrick Tjin

Software Engineer at Google

Summary

Specialties: Linux device drivers (I2C, ALSA, SPI, Video, Input, MTD, USB, MMC, PCI, PCIe, Serial)

Linux kernel development (Board support, bring up)

Embedded systems

U-Boot

Networking

Media (Audio/Video) (VLC, FFMPEG, DirectFB)

C

Board bring up

Experience

Software Engineer at Google

May 2011 - Present

Staff Software Engineer at Ubicom

August 2004 - May 2011 (6 years 10 months)

- Linux device drivers

- ipOS

- U-Boot

- uClinux

- uClibc

- UPnP/DLNA

- Cadence OrCAD

- Mentor PADS

- iPod/iPhone MFi

Staff Software Engineer

August 1999 - March 2004 (4 years 8 months)

- VOIP

- VDSL

- vxWorks BSP, device drivers

- Linux BSP, device drivers

Software Engineer at 3Com

July 1995 - October 1999 (4 years 4 months)

Windows Drivers (NDIS, SCSI, WDM)

Novell Netware Drivers

FDDI, ATM, Fibre Channel, HPNA

Software Contractor

December 1994 - December 1997 (3 years 1 month)

Engineering Design Contractor at Interval Research

June 1994 - December 1994 (7 months)

Education

University of California, Berkeley

BS, EECS, 1991 - 1995

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[Contact Patrick on LinkedIn](#)