

Scott Tsai

Independent Consultant / Linux

scottt.tw@gmail.com

Summary

Device Driver Developer, Firmware Developer, System Software Developer in several Taiwanese Consumer Electronics companies.

Specialties

Device Drivers, Linux, Kernel, ISO 13818, DVB, Set-Top Box, TV

Experience

Linux Consultant at Compal Communication Integration

July 2009 - October 2009 (4 months)

Embedded Linux training and consulting.

Organizer at FreedomHEC Taipei

May 2009 - June 2009 (2 months)

I helped organize and attempted realtime bidirectional translation at the FreedomHEC Taipei 2009 conference: <http://lwn.net/Articles/337314/>

Set-Top Box Developer at Motorola

September 2006 - December 2008 (2 years 4 months)

Set-Top Box Device Drivers, DVR Engine with Time Shift Buffer, JVM Integration, Embedded Linux development support, Manufacturing Test software support.

Linux platform "Acting Technical Lead" for an MHP set-top-box with two DVB-C and two DVB-T tuners at Motorola Taiwan Technology Center. Part time Mercurial, TWiki, Trac server administration.

1 recommendation available upon request

Software Developer at Arima

January 2006 - July 2006 (7 months)

IPMI Server monitoring software and BIOS update utilities under Linux. Contributed some patches to the 'flashrom' utility in coreboot (a.k.a. LinuxBIOS).

Firmware Developer at Tatung

April 2003 - April 2004 (1 year 1 month)

LCDTV firmware on the "count your stack use by the byte" 8051 microcontroller beloved by Taiwanese engineers. Contact window for the German customer in that ODM project. LCD analyzer

and TV Signal Generator automation. Just-in-time, next to the assembly line firmware update support -- lots of fun.

Collaborated with Microsoft's eHOME department on an exploratory hardware project that combined a TV with a Set-Top Box. My manager was the (in)famous computer virus author CIH, learned a lot about the x86 MMU, protected mode and embedded Linux tricks from him.

Education

Soochow University, Taiwan

BA, Business Administration, 2005 - 2010

Chih Jen Vocational School

High School, 2000 - 2001

HSNU

1998 - 2000

Activities and Societies: <http://itrs.tw>

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1 person has recommended Scott

"Scott is a superman. He is the man equal to a team of 5 engineers. It looks to me that he could develop or fix anything written in programming language. I learned a lot from him about Linux. Also, his passion to Linux impressed me a lot."

— **Elvin Kao**, *Software manager, Motorola*, managed Scott at Motorola

[Contact Scott on LinkedIn](#)