

Karl Tsou

TAM at Senseg Ltd

karl.tsou@gmail.com

Summary

10 years experience in driver porting on RTOS

- WinCE 4.2/5.0/ 6.0/ WinMO 5/6/6.1/6.5/7
- Android 1.6/2.1/2.2/2.3/3.0/4.1.x
- Openembedded
- Linux Kernel Integration 2.6.x/3.x above

Accurate, precise, dedicates, self-motivated; able to effective priorities to achieve immediate and long-term goals and meet operational deadline

Familiarity with BSP development cycle, CM (configure Management), project scope estimation, project scope break down and software quality assurance.

Specialties: ARM:

- Qualcomm 72x/86x/89x, ST-Ericsson 8500
- OMAP 730/850/2430/3430/3630/4430/4460
- Freescale iMX51/6x
- SAMSUNG 2440/6410/6430/Exynos 4412
- Marvell PXA270/320/93x

Computer language: C, C++, Java, Assembly, BlueZ, DBUS, ALSA, RIL, OpenBinder

Experience

TAM at Senseg Ltd

June 2012 - Present (1 year 2 months)

Responsibilities:

Perform implementation reviews, evangelize new product features, and ensure the prompt and proper resolution of technical challenges. Improve product feature offerings by providing partner feedback to internal cross-functional teams including Product Management and Engineering. Guarantee the technical aspects of a partner's integration (both new and ongoing) by providing necessary documentation and technical guidance.

Team Lead at Texas Instruments

April 2010 - May 2012 (2 years 2 months)

Customer facing and make customer success in Smart Phone product

- HTC Tian-Shang/Song-Shang/Hua-Shang/Huang-Shang for China Mobile

- HTC Rhyme for Verizon

- HTC Ruby for T-Mobile

1 recommendation available upon request

Team Lead at Intrinsic Software

February 2008 - March 2010 (2 years 2 months)

Responsible for staffing and hands-on mentoring the BSP development team.

1 recommendation available upon request

Team Lead at Teleca

April 2007 - February 2008 (11 months)

Responsible for RIL, BSP and Application development, meeting and exceeding customers expectation, attention to details from start-to-finish.

1 recommendation available upon request

Platform Engineer at BSQUARE

December 2005 - April 2007 (1 year 5 months)

Members of the PES team, porting Microsoft Windows Mobile, Windows CE OS on different HW platform; also responsible for porting Bsquare SDIO on TI and Marvell platform.

Software Engineer at Mitac

July 2002 - August 2005 (3 years 2 months)

Responsible for porting Drivers, Applications for WM Smartphone 2003(SAGEM My-S7).

Projects

HTC Rhyme

April 2010 to May 2012

Members:Karl Tsou

Languages

Mandarin

(Native or bilingual proficiency)

English

(Professional working proficiency)

Skills & Expertise

C++

C

Java

Assembly

ARM

OMAP

Freescal
Linux
HTML
XML
Perl
Python
Matlab
Embedded Systems
Eclipse
Windows
JavaScript
Unix
Visual Studio
Analog Circuits
3G
Embedded Linux
Windows Mobile
Embedded Software
Device Drivers
Android
Manufacturing
Debugging
Bluetooth
Software Engineering

Education

National Taiwan University of Science and Technology
Bachelor, Electrical Engineer, 2000 - 2002

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3 people have recommended Karl

"He is a good guy to handle every issues status and solve issues quickly."

— **Aichi Chen**, *Application Engineer, Texas Instruments*, worked indirectly for Karl at Texas Instruments

"Karl worked with me for 3 months in the capacity of Project Engineer. In that time Karl assisted in the delivery of a Windows Mobile and Windows CE BSP software development project, leading a team of 5 engineers. I found Karl to be an enthusiastic and capable team player who adequately demonstrated the skills needed to lead a software development team."

— **Stephen Cullis**, *Senior Project Manager, Intrinsic Software*, managed Karl at Intrinsic Software

"Karl has an eye for details and a helicopter view combined in one package kept in place by a solid feeling for exquisite quality, high tempo and excellent timing. This doesn't mean he is no fun. Karl is also a really good person as a friend and has many more qualities up his sleeves"

— **Yuang Mao**, *Consultant, Teleca*, worked directly with Karl at Teleca

[Contact Karl on LinkedIn](#)