**Hyun Sung Yang**

20 Fernhill Avenue mobile: +61-433-040-395

Epping, NSW, 2121 Australia email: hyunsungyang[@gmail.com](mailto:thejpark@gmail.com)

**SUMMARY**

Pragmatic software design and development experience ranging from extremely high reliable and high capacity telecommunication servers to core kernel components for the real-time embedded systems.

**EMPLOYMENT HISTORY**

**2009.5 ~ Present: ResMed**

Senior software engineer. Designed and implemented software for medical devices (sleep disorder). Development under Windows/Visual Studio.

* Micro C OS 2
* Java/C++

**2002.3 ~ 2009.4, Samsung Electronics (Seoul/Korea)**

Senior software engineer.

2006 ~ 2009, Software optimization for multicore systems (ARM SMP)

* + Carried out optimizations for multithreaded SW (i.e., H.264 codec)

2002 ~ 2006, Java virtual machine for mobile phones.

* + Ported and optimized Java virtual machine and library (CLDC/MIDP) for mobile phone

: products shipped to USA

**1995.3 ~ 2002.2, Seoul National University (Seoul/Korea)**

Full-time Graduate Student.

2000 ~ 2002: Ph. D Thesis

* + A study on the optimization of database query.

1997 ~ 2002: Part Time Lecturer

**EDUCATION**

2002, Ph. D. in Computer Science, Seoul National University, Seoul, Korea

1997, B.S. in Computer Science, Yonsei University, Seoul, Korea

**TECHNICAL SKILLS**

* Linux/Unix programming High performance library/framework design and implementation
* Telecommunication protocol stack design and implementation
* Mission critical/high capacity server design and implementation(TCP/IP, mulit-threaded/multi-processed, IPC)
* Linux kernel development
* Large/complicated S/W analysis/development experience
* Object oriented design and programming
* Strong C++(STL/Boost)/C and python

**REFEREES**

James Han: ResMed (Sydney, Australia)

Mobile: 0433-567-067 Email: jhan@gmail.com

Brandon Lee: Samsung (Seoul, Korea)

Mobile: +82-10-2720-2855 Email: brandon@lee.id.au