

Ann Chang

PROFESSIONAL SKILLS

Extensive Linux system development background: Linux Application/Kernel development, device drivers, customize Linux Kernel for hardware bring up, cross development tool chain, GNU Make, GNU gcc, shell scripting, Linux/Unix, operating system.

Excellent embedded software development experience: embedded Linux, C/C++, Assembly, Object oriented design and development, OOP/OOD, multithreading, firmware, VMware workstation, GDB, BDI JTAG debugger, GPS Linux applications, VoIP Linux applications, networking applications.

WORK EXPERIENCE

August.05 - Present Senior Linux Systems Engineer, ShoreTel Inc., Sunnyvale, CA

Linux platform development, Linux application development, C/C++, Porting VxWorks application to Linux, customize embedded Linux from scratch, cross development tool chain, device drivers, hardware bring up, u-boot, VMware, NFS, CIFS, CLI, SNMP, GNU Make, shell scripting, operating system development, GNU gcc, GDB, BDI JTAG debugger.

April.03 - August.05 Senior Embedded Software Engineer, Kenati Technologies, Sunnyvale, CA

Linux application development, Linux platform development, Porting Linux software platform onto new hardware, hardware bring up, x86, ARM, Linux kernel, device drivers, embedded Linux, build a Linux distribution, GNU Make, shell scripting, C/C++, Asterisk, networking applications, CLI, SNMP, u-boot, redboot.

March.01 - April.03 Embedded Software Engineer, Novariant Corporation, Menlo Park, CA

Working on precision location and machine control solutions, using GPS technology and other patented technologies to automatically steer vehicles (tractors, gantry cranes etc.): C/C++, Linux application, user interfaces on touch screen, TCL/TK, multithreading, real time, Inter Process communications (IPC), GDB, GNU Make, shell scripting, cross development tools.

Feb.00 - March.01 Software Engineer, Hibernia National Bank, New Orleans, LA

Successfully Designed and implemented Business Utility Profitability (BUP) Graph/Summary system and MIS Reports Viewer system: C/C++, VC++, Windows, MFC, SQL database application.

Sept.99 - Feb.00 Software Engineer, Tulane University, New Orleans, LA

Worked on the NASA project: "Content-based Search Prototype for Image Databases": C/C++, UNIX (Sun Solaris), Perl, shell scripting.

Mar.97 - Sept.99 Embedded Software Engineer, Henan Computation Center, Zhengzhou, China

Designed and developed two Single-Chip Microcomputer devices: Digital temperature instruments and Digital Dynamometer: C, Assembler language.

Sept.94 - Feb.97 Research Assistant, Beijing Institute of Technology, Beijing, China

Successfully designed and developed a portable GPS system for the China Air Force.

EDUCATION BACKGROUND

MS, 1997 Beijing Institute of Technology, Master of Computer Engineering

BS, 1994 Henan University, Bachelor of Computer Engineering

MCSE, 1999 Microsoft Certified Systems Engineer

AWARDS AND ACCOMPLISHMENTS

STARS Awards: 2001, Hibernia National Bank

STARS Awards: 2000, Hibernia National Bank

Torch Progress Awards: Beijing Institute of Technology

People Study Awards: Henan University