

Alexander Chiang

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- Objective** To obtain a full time position to challenge and develop my software engineering skills.
- Education** **University of Illinois at Urbana-Champaign**
- B.S. in Computer Engineering
 - Graduation Date: May 2002
 - Technical Grade Point Average: 3.23
 - Overall Grade Point Average: 3.19
- Summary** Over 1.5 years of industry experience in C and C++ development. Proficient in X Window System development, Perl, x86 assembly, PA-RISC assembly, Java, HTML, and L^AT_EX. Familiar with Linux, HP-UX, and Windows NT development environments.
- Awards** **Filed Patent**
- Method to automatically generate arbitrarily indexed hyperlinked documentation
- Experience**
- Hewlett-Packard Company**
Software Engineer, Richardson, TX 05/01—08/01
- Filed patent application for automatic document generation tool
 - Implemented Dallas Semiconductor 1501 real time clock and watchdog timer
 - Investigated feasibility of implementing source level debugging in simulator
- Hewlett-Packard Company**
Software Engineer, Richardson, TX 05/00—12/00
- Developed architectural simulators for Unix and IA platforms
 - Created GUI front-end for simulator using the GTK+ toolkit
 - Implemented System Management Bus for the IA64 processor model
 - Implemented 44-bit physical addressing for the PA-RISC processor model
- Intel Corporation**
Software Engineer, Folsom, CA 01/99—08/99
- Developed architectural simulator of high performance graphics controller
 - Led development on video capture simulation functional unit block
 - Supported hardware team during design and debug of capture engine
 - Insured robustness of hardware and software design with extensive test suite
- Department of Crop Sciences, University of Illinois**
Network Administrator, Urbana, IL 05/98—12/98
- Administrated Windows NT environment supporting entire department
 - Initiated creation of print accounting system and user authentication
 - Managed department's student lab and backend servers
 - Troubleshoot department's network hardware and software issues
- Extra Curricular**
- Engineering Council, Leadership Committee member 2001—2002
 - IEEE Executive Board, Computer Communications Chair 1998—Present
 - Student Engineering Leadership Program facilitator 1998—Present
 - Engineering Student Leadership Conference facilitator 1998—Present