

Name

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- OBJECTIVE** A full-time job or internship in electrical engineering with particular interests in hardware design
- EDUCATION**
- University of South Carolina, Columbia, SC
Master of Science, Electrical Engineering, May 2007
- Area of concentration: Microelectronics and Nanoelectronics
 - GPA: 4.0
- Tongji University, Shanghai, China
Bachelor of Science, Electronics Information Engineering, June 2004
- GPA: 3.4
- SKILLS**
- Technical:** Mentor Graphics, HFSS, HSPICE, Labview, AutoCAD, Matlab, C++, Delphi
Language: English (fluent), Chinese (native)
Computer: Windows, DOS, UNIX and Mac operating system, Excel, Word, PowerPoint
- INDUSTRY EXPERIENCE**
- Jan. 2005 - Jul. 2005 **Flextroncis International Shanghai R&D**, Shanghai, China
Hardware Engineer in 3G Infrastructure Team
- Collaborated in redesigning interface circuit boards to be lead-free compliant and conducted signal integrity test
 - Developed leadership skills as a team leader in the project of designing fiber link interface circuit packs
 - Documented training courses offered by Motorola (outsourcing company) and Mentor Graphics
 - Acquired knowledge/understanding of Six Sigma, quality control, supply chain concepts
- Jul. 2004 - Jan. 2005 **Institute of Acoustics, Tongji Univ.**, Shanghai, China
Research Assistant
- Wrote hardware drive for a data acquisition card to work under win98 system
 - Developed GUI for the ultrasonic stress measuring and analyzing system for detecting defects in steel
- ACADEMIC EXPERIENCE**
- Jan. 2006 - May 2006 **Electrical Engineering Department, USC**, Columbia, SC
Teaching Assistant for ELCT582 - Semiconductor Laboratory
- Designed 3 masks for Si wafer processing and composed manual for 6 lab sections
 - Conducted lab sections and resolved student issues
- Sep. 2005 - Jun. 2006 **Mechanical Engineering Department, USC**, Columbia, SC
Research Assistant
- Developed GUI for bi-axial testing system to measure /model mechanical behavior of tissue
 - Partnered with a team of three persons to perform technical support for research project
- LEADERSHIP**
- President**, Chinese Students and Scholars Association
- Recruited new members for CSSA and organized seminars
 - Coordinated/led officers to organize mid-autumn/ spring festival with 300-400 participants
- RELATED COURSES**
- Signal Integrity in High Speed Circuits, Fundamental Electromagnetics, RF Circuit Design, Fundamentals of Communication Systems, Semiconductor Electronic Devices, Advanced Semiconductor Materials, Digital Signal Processing, Control Systems
- WORK STATUS** Student (F-1) visa

