Christine M. Elliott [SAMPLE / Technical]

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OBJECTIVE To obtain a student position in the field of Electrical and Electronic Engineering

EDUCATION

In progress: **Bachelor of Science, Electrical/Electronic Engineering,** California State University, Sacramento
To be completed May 2005 GPA: 3.53

Related Courses

Microelectronic Devices	Digital Signal Processing	Silicon Fabrication Devices
Transmission Lines and Fields	Control Systems and Feedback	Linear Signals and Systems
Electrical Circuits	Microprocessor System Design Lab	Digital Logic Design
Feedback System	Network Analysis	Applied Wave Propagation

Projects

Three Phase Generator Project: Member of a two-student team that designed and implemented a Three Phase Microelectronic Generator. The design process included identifying device specifications, designing solutions to meet those specifications, and documenting the finished product.

CB-CC Cascade Amplifier: Member of a three-student team that designed a CB-CC Cascade Amplifier which will drive the biasing voltage in a much more efficient and accurate way. The design process included measuring the bandwidth of the amplifier by estimating the -3dB value at different stage gain.

SKILLS

Computer Aided Design: Pspice, PLDShell, LogicWorks, Matlab
Language and Software Skills: ASSEMBLY, C, PASCAL, VLSI, VHDL, UNIX, HTML, MS Office 2000
Organization and Communication: Excellent organization and planning skills through projects of various sizes; strong analytical skills; effective oral and written communication skills through active membership in IEEE.

WORK EXPERIENCE

California State University, Sacramento, **Clean Room Research Assistant** **1/03 - present**
In charge of the Research Project in Silicon Wafer Bonding for High Power Voltage Electronic Devices. Perform the bonding of silicon wafers by using chemical etching. Evaluate wafers with video image processing. Set up procedures for annealing the bonded pairs in high temperature furnace. Overall responsibility for lab maintenance and operation including wet-bench, deionized water treatment, furnace oven. Review assessment issues.

Math Learning Center, Cosumnes River College, **Math Tutor** **6/00 - 6/02**
Assisted students in solving math related problems. Advised students in course planning.

MESA Center, Cosumnes River College, **Math and Science Tutor** **6/98 - 6/00**
Assisted students in solving Math, Physics, and Chemistry related problems. This involved daily presentation of concepts and ideas, group discussions, individual and group problem-solving sessions, concept reviews before and after exams.

ACCOMPLISHMENTS AND ACTIVITIES

Engineering & Computer Science Scholarship, Spring 2003; Dean's Honor Roll, CSUS, Fall 2003;
Clarence Malcolm Scholarship Award, CSUS, Fall 2000 Self-supporting; working 30 hours/week
Member, IEEE