

Chad A. E. Ostrowski

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Objective:

Use my excellent interpersonal and analytical skills to bring value to a company while helping it foster a more peaceful and efficient planet.

Education:

The Pennsylvania State University	University Park, PA
B.S. in Engineering Science , the Engineering Honors Curriculum	Expected Graduation: Dec. 2009
B.S. in Electrical Engineering	Cumulative GPA: 3.67/4.0
Schreyer Honors College	
Minor: Nanotechnology	
Thesis: Exploration of Novel Heterostructure Semiconductors to Create Energy Efficient, Tunnel-Based FETs	

Experience:

Bridge Semiconductor	State College, PA
Intern	September 2008 – January 2009
<ul style="list-style-type: none">• Maintained online database for analysis of wafers and success of fabrication techniques• Aligned poles of PZT layer in wafers to move fabrication process towards completion• Tested newly fabricated wafers to determine wafer quality	

Pitney Bowes	Shelton, CT
Electrical Engineering Intern	May 2008 – August 2008
<ul style="list-style-type: none">• Designed and built a dual reaction timer to be used at company events• Tested motors and characterized output statistics• Analyzed power supplies to pinpoint defects• Constructed prototype board to creatively meet needs of customer	

ITS Lab Consulting	University Park, PA
Lab Consultant	January 2006 – December 2008
<ul style="list-style-type: none">• Guided users through troubleshooting computer problems• Assisted other consultants with problems arising in their labs via an online chat client• Monitored laboratory machines and notified technicians when unable to personally troubleshoot problems• Contributed to an online open-source database for use by other consultants	

Honors:

The Society of Engineering Scientists	August 2006 – Present
1 st Place in Engineering Design Class Competition	May 2006
Eagle Scout	March 2005

Leadership:

President of *Problem Child Literary Magazine*: organized meetings and promotional events, edited and paginated magazine, set up website and online database

Boy Scouts of America: organized large service project and supervised volunteers to its completion, led troop for one year and helped guide other members toward personal goals

Skills:

Electronics:	Computer:
<ul style="list-style-type: none">• Designed and built a reaction timer with a coworker• Designed and built an 8-bit sound card• Significant coursework in circuit design• Microchip programming	<ul style="list-style-type: none">• C++• MATLAB• Solidworks• All basic programs and operating systems
Creative:	Language:
<ul style="list-style-type: none">• Wrote and recorded music• Several published written works	<ul style="list-style-type: none">• Excellent public speaking and writing skills• Familiar with Spanish