

KEVIN M. SPEER

2064 EAST PERIDOT PLACE #12
(479) 466-9595

FAYETTEVILLE, ARKANSAS 72701
E-MAIL: SPEER@UARK.EDU

OBJECTIVE

- I am pursuing a stimulating, engaging, and challenging internship opportunity for the summer of 2003.
- I am seeking Graduate Program Admission upon my graduation in December of 2003.

EDUCATION

1997 to present	University of Arkansas	Fayetteville, Arkansas
	<ul style="list-style-type: none">• Major: Electrical Engineering• Minors: Physics, Mathematics• Expected Date of Graduation: December 2003• Named to the College of Engineering Dean's List for the past 4 consecutive semesters• Electrical Engineering GPA: 3.7/4.0• Physics GPA: 3.7/4.0• Cumulative GPA: 3.3/4.0	

1995 to 1997	Searcy High School	Searcy, Arkansas
	<ul style="list-style-type: none">• Graduate with Honors• Cumulative GPA: 3.97/4.0 (top 9% of graduating class)	

EXPERIENCE

December 2001 to present	University of Arkansas Dept. of Electrical Engineering H. Alan Mantooth, Ph.D., P.E.	Fayetteville, Arkansas
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UNDERGRADUATE RESEARCHER

- Developed high-speed reverse recovery test bed for diode characterization
- Developed parameter extraction software for Silicon Carbide (SiC) power diode models
- Validated the models against actual device measurements
- Developed a LabVIEW© program to automate the transient characterization procedure

August 2002 to present	University of Arkansas Depts. of Electrical & Mechanical Engineering	Fayetteville, Arkansas
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TEAM LEADER AND PROJECT ORGANIZER, U OF A SOLAR-ELECTRIC BOAT PROJECT

- Arranged and conducted weekly team meetings for the purpose of group updates and the assignment of weekly milestones
 - Managed and organized the project budget
 - Was responsible for Public Relations tasks, including the composition of solicitation letters, letters of appreciation, the establishment of new contacts, and maintaining old contacts
 - Recruited new students for prospective team membership
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**May 1997 to
January 2000**

**Audio Express, Inc.
Danny Bennett
Operations Manager**

Searcy, Arkansas

TECHNICAL SALESPERSON

- Advised private and organizational customers on their home & automotive audio/video needs
- Designed single-room and multi-room audio/video systems
- Designed & implemented elaborate automotive audio/video systems with state-of-the-art equipment

**June 1994 to
May 1997**

**Radio Shack (franchise)
Wayne Robertson, Owner**

Searcy, Arkansas

SALESPERSON

- Assisted customers on a one-to-one basis, improving social aptitude and problem-solving skills at an early age

COMPUTER SKILLS

- LabVIEW, C Programming Language, Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Microsoft FrontPage

HONORS & PUBLICATIONS

- Named to the College of Engineering Dean's List for the past 4 consecutive semesters
- Member of the 2002 University of Arkansas Solar Splash World Championship team
- Voted *Most Valuable Undergraduate Electrical Engineering team member* on the 2002 World Championship Solar Splash team
- K. Speer, T. McNutt, A. Lostetter, A. Mantooth, D. Berning, A. Hefner, K. Olejniczak, "A Novel High Frequency Silicon Carbide SIT-Based Test Bed for the Acquisition of SiC Power Device Reverse Recovery Characteristics," Accepted to the *European Conference on Power Electronics and Applications*

EXTRACURRICULAR ACTIVITIES & INTERESTS

- Team Leader & Project Organizer, 2003 University of Arkansas Solar Splash team
- Member, 2002 World Champion University of Arkansas Solar Splash team
- Student Branch Secretary, Institute of Electrical & Electronics Engineers (IEEE), University of Arkansas
- Member, IEEE Signal Processing Society
- Member, IEEE Consumer Electronics Society
- Member, Phi Delta Theta fraternity
- Pledge Class President, Phi Delta Theta (Spring '99 to Fall '99)
- Scholarship Chairman, Phi Delta Theta (Spring '00)
- Interests include: Power Semiconductor Device technology, Optoelectronics, Conventional Electronics
- Activities include: Basketball, Tennis, Weight-training, and Music

References are available upon request