

Emily E. Dance

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EDUCATION:

Fall 2011 Bachelor of Science in Electrical Engineering, Mississippi State University, Starkville, MS
December 2015. Current GPA: 2.98 (on 4.0 scale)

WORK EXPERIENCE:

- 2013-2014 **Research Assistant with Dr. Erdem Topsakal**
- Conducted electromagnetic gel research with Dr. Topsakal and Dr. Thomas Denney at Auburn University MRI Research Center. Also trained for a government funded research project.
- 2008- 2015 **Retail Sales Clerk – Mustard Seeds Clothing, Birmingham, AL**
- Provide customers with retail sales assistance.
 - Assist with various ordering, restocking, and other clerical duties
- 2005-2014 **Summer Counselor & Show Choir Instructor – Summer “Show Offs” Camp, Birmingham, AL, Jackson, MS, Huntsville, AL, Atlanta, GA, and Auburn, AL**
- Assist teaching and leading song/dance routines in summer show choir camp, ages 5-18 years.
 - Assist with various camp set up, administration, management, and logistics duties.

EDUCATION AWARDS & SCHOLARLY DISTINCTION:

- Shackouls Honors College
- E.B. McCool Scholarship
- Freshman Academic Excellence Scholarship
- Freshman Non-Resident Tuition Scholarship
- Order of Omega Greek Honor Society
- Member of Institute of Electrical and Electronics Engineers (IEEE)
- Charter Member of Women in Engineering (WIE-IEEE) at Mississippi State
- ITAR Certified
- Published IEEE Copyrighted Paper (Hybrid Hydrogels for Medical Applications of Microwaves) for 2014 United States National Committee-URSI National Radio Science Meeting in Boulder, CO

LEADERSHIP:

- Advisory Board for The Engineering Academy at Hoover High School
- Mississippi State University:
 - Electrical Engineering Capstone Project- Team Leader
 - Student Ambassador- Electrical Engineering
 - Alumni Delegates – Mississippi State’s Ambassadors for Alumni
 - Alumni Delegates’ Social Chair
 - Student Association- Freshman Forum and Homecoming Committee
- Chi Omega Sorority
 - New Member Board
 - Publicity Team
 - Theme Night Director
 - Cardinal Cabinet - Sisterhood Chair
 - New Member Educator/ Pledge Trainer

ADDITIONAL SKILLS:

- Knowledge of MATLAB, Python, C++, LabVIEW, and SolidWorks
- Experience with soldering and printed circuit board (PCB) design