

# Daniel Wesley Clemens

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## ***FOCUS***

Research, development, design, fabrication, and operation of electrical, control, and communication systems within the field of Electrical Engineering

## ***EDUCATION***

- Houston High School (2001), Germantown, TN; GPA: 3.5
- Auburn University, Auburn, AL  
Bachelor of Electrical Engineering (anticipated May 2006)  
Overall GPA: 3.23; Electrical Engineering GPA: 3.35

## ***ACADEMIC AND PROFESSIONAL ORGANIZATIONS***

- Eta Kappa Nu, Xi Chapter – Officer (Spring 2006)
- The Institute of Electrical and Electronics Engineers, Inc. – Member

## ***EXPERIENCE***

**Auburn University (AAES) – Research Instrumentation** Auburn, AL (2004 – Present)  
*Engineering Technician (Student)*

- Failure analysis and revitalization of electrical and mechanical equipment
- Project implementation

**Michelin North America** Opelika, AL (2003 – 2004)

*Project Engineer (Co-op)*

- Project management
- Automation systems
- Manufacturing systems construction observation

**Southwest Tennessee Electric Membership Corporation** Brownsville, TN (2002)

*Electrical Engineer (Intern)*

- Power system distribution planning and system operations
- Substation and distribution protection

## ***TECHNICAL SKILLS***

- Computer operation, computer networking, computer hardware assembly, MATLAB, PSPICE circuit simulation, PLC programming architecture, AutoCAD, Assembly language, and Microsoft Office suite
- Proficient understanding of electrical and mechanical system schematics
- Failure analysis of various types of electrical and mechanical equipment
- Design and implementation of a control system utilizing a programmable IC

*References available upon request*