

Jeremy B. Childers

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Education

Bachelor of Science in Mechanical Engineering

Mississippi State University, Starkville, MS

Overall grade point average: 3.61/4.0 scale

EIT, Engineer in Training (First written test for obtaining license as Professional Engineer)

Work Experience

U.S. DOE Industrial Assessment Center (IAC), Mississippi State University

Staff Engineer – May 2006 – Present

- Supervise 30 energy assessments for small to medium sized manufacturing facilities in Mississippi, Tennessee, and Alabama
- Review technical reports for energy audits
- Manage the day-to-day operations for the IAC
- PHAST (Process Heating Assessment and Survey Tool) Qualified Specialist

Undergraduate Assistant – August 2004 – May 2006

- Lead student for 5 energy assessments for small to medium sized manufacturing facilities in Mississippi, Tennessee, and Alabama
- Participated in 15 energy assessments in Mississippi, Tennessee, and Alabama

Micro-CHP

Field Engineer – July 2006 – Present

- Participated in design on special projects for the CHP Project
- Installed instrumentation in the building system
- Trouble-shoot and perform routine maintenance required to keep the Micro-CHP system operational

Consulting Engineering

Dr. Richard Forbes – Supervisor

- Tested stepladder to ANSI standards
- Tested various appliances for failures
- Designed, built, and tested a combustion test chamber to demonstrate flashback of flammable vapor

Dr. Bill Jones – Supervisor

- Designed, built, and tested a ladder testing fixture for a pickup tailgate – mounted ladder

Ripley Heating and Air

HVAC technician – June 1996- August 2004

- Designed and built ventilation system for residential applications
- Diagnosed and serviced residential and commercial HVAC equipment

Travis Cornelius Construction Company

Heavy equipment operator – August 2003 – August 2004

Computer Skills

Engineering/Technical Applications: Trace 700 (building simulation software), PHAST System Analyzer 5.0 (HVAC simulation), PHAST, MathCAD, Lab View, AutoCAD, and Visio

Productivity Applications: Word, Excel, Power Point, and Windows based programs

Reference

Available upon request