

# Clayton Hudspeth

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## EDUCATION:

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**Mississippi State University**, Starkville, Mississippi May 2017  
*Bachelor of Science in Electrical Engineering*  
*Bachelor of Science in Computer Engineering*  
GPA: 3.39, Major GPA: 3.43, 3.50 (EE, CPE)

## WORK EXPERIENCE:

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**ABB Inc.**, Crystal Springs, MS Summer 2015  
*Electrical Engineering Intern*

- Programmed in Excel with Visual Basic to reduce time searching for previous designs
- Performed transformer tank formula modification to potentially increase accuracy of quote by \$3500 for side-mounted LTC units
- Executed test loss evaluation comparing calculated to tested transformer losses

**Mississippi State**, Starkville, MS Spring 2015  
*Building Construction Lab TA*

- Monitored and assisted students in construction lab with power tools and equipment

**Hudspeth Wood Products**, Maben, MS Summers 2011, 2012, 2014  
*Assembly Line Worker*

- Coordinated with team to load wood to band saw and stack wood in bundles
- Assembled pallets with nail and staple gun

**Mississippi State Golf Course**, Starkville, MS Summer 2013  
*Golf Course Assistant*

- Greeted and set up customers with golf carts and bags

## SKILLS:

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- Experience with soldering, circuit design, digital design, PCB design, website design
  - Experience in Microsoft Visual Studio IDE, Xilinx Vivado 2016.2, PSpice, MATLAB, Mathematica, NI Virtual Bench, SolidWorks 3D CAD software, GitHub, Ubuntu and Raspbian Linux operating systems
  - Programming experience with Python, Visual Basic, C++/C, HTML, CSS, JavaScript, PHP, SQL, Verilog
  - Proficient with Microsoft Word, Excel, PowerPoint

## AWARDS AND ACHIEVEMENTS:

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- Institute of Electrical and Electronics Engineers Member
  - Eta Kappa Nu: Gamma Omega Chapter