

Clayton Hudspeth

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EDUCATION:

Mississippi State University, Starkville, Mississippi May 2017
Bachelor of Science in Electrical Engineering
Bachelor of Science in Computer Engineering
GPA: 3.37, Major GPA: 3.43, 3.50 (EE, CPE)

WORK EXPERIENCE:

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, Java, 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