

# Jacob T. Carter

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*Hardworking, dedicated senior Mechanical Engineering student seeking employment. I am interested in careers related to energy engineering, design or related fields. I believe that my college experience, interests, related experience, and hard work ethics match the needs of your company. I am an energetic problem solver and anxious to show that I can contribute to the needs of your company.*

<b>Education</b>	<b>College</b> - Currently attends the University of Arkansas seeking a bachelor's degree in Mechanical Engineering. Anticipated graduation date: May 2017 GPA: 2.774 Minor: Business Management	<b>2012 - Present</b>
<b>Experience</b>	<b>Mechanical Engineering Intern, Arkansas Department of Building Authority</b> <ul style="list-style-type: none"><li>- Performed energy audits on two major government facilities.</li><li>- Conducted lighting optimization projects in compliance with the Illumination Engineering Society's standards in order to reduce energy consumption by 2,048 kilowatt-hours per month.</li><li>- Designed strategic Energy Consumption Reduction Measures that improved the performance of municipal properties, totaling \$1,524 saved per year.</li><li>- Collaborated with design firms on several HVAC renovation plans on major facilities.</li></ul> <b>Mechanical Engineering Intern, Jack T. Carter Company</b> <ul style="list-style-type: none"><li>- Created 12 specification documents for the company's products.</li></ul> <b>Night/Weekend Transportation Specialist, J. B. Hunt</b> <ul style="list-style-type: none"><li>- Managed over 200 truck drivers to achieve maximum safety and on-time pick-up/delivery.</li><li>- Problem-solved logistically compromising situations on a regular basis without having any loss to the company.</li></ul> <b>Mechanical Engineering Intern, EnerNOC</b> <ul style="list-style-type: none"><li>- Surveyed local industries and utilities to lower industrial energy use.</li></ul>	<b>2015</b>          <b>2016 - Present</b>  <b>2016</b>
<b>Design Experience</b>	<b>Walt Disney World</b> - Co-designed a new attraction concept for Walt Disney World, Epcot. <b>Little Debbie</b> - Designed a cake batter manifold that distributes cake batter on a conveyor belt.	<b>2016</b>  <b>2016 - Present</b>
<b>Leadership &amp; Management</b>	<b>Head Life Guard at Chenal Properties</b> - Shift management of three to five lifeguards to achieve a clean facility while providing maximum safety for all swimmers. <b>Beta Upsilon Chi Fraternity</b> - Alumnus of the Beta Upsilon Chi Fraternity (Brothers Under Christ), Xi Chapter, a Christian Fraternity at the University of Arkansas. <ul style="list-style-type: none"><li>- Appointed cell group leader.</li><li>- Appointed mentor.</li></ul>	<b>2012 - 2014</b>    <b>2014 - 2016</b>
<b>Computer Skills</b>	<b>SolidWorks - 3D CAD Design Software</b> <b>Microsoft Office</b> <b>MATLAB</b>	<b>Portfolio Manager</b> <b>Adobe Illustrator</b> <b>Adobe Photoshop</b>