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## Desmond D. Archuleta

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<b>EDUCATION</b>	<p>Brigham Young University B.S. Physics</p> <p>Emphasis: Condensed Matter Physics Recipient: Brigham Young Scholarship (Academic) GPA: 3.8/4.0</p> <p>Cedar Park High School High School Diploma GPA: 3.9/4.0</p>	<p>Provo, UT expected 4-11</p> <p>Cedar Park, CA 8-05</p>
<b>RESEARCH</b>	<p><u>Research Assistant</u> Worked under Dr. Bill Bradley on molecular dynamics simulations testing the mechanical strengths of silicon coated carbon nanotubes and other nanostructures</p>	<p>Provo, UT 8-08 to present</p>
<b>TEACHING</b>	<p><u>Teaching Assistant</u></p> <p>Taught in a help lab for several freshman algebra based freshman courses: Newton mechanics, optics, thermodynamics, electromagnetism, and relativity.</p> <p>Computational Physics Helped to teach a course in advanced computational methods in Matlab for physics majors with Dr. Bill Bradley.</p> <p>Introduction to Circuits Instructed a lab of introductory electronics, consisting of building, designing and debugging circuits, under the supervision of Dr. Amy Fisher.</p> <p>Thermodynamics Holding help sessions for students and grading for a junior level statistical thermodynamics being taught by Dr. Amir Aczel.</p>	<p>Provo, UT 8-09 to 4-11</p> <p>Provo, UT 4-10 to 7-10</p> <p>Provo, UT 8-10 to 12-10</p> <p>Provo, UT 1-10 to present</p>
<b>PUBLICATIONS</b>	<p><u>Senior Thesis</u> Thesis based on the research done with Dr. Bradley, will also be attempting to publish as a paper in a journal.</p>	
<b>FOREIGN LANGUAGES</b>	<p>Arabic (proficient: speak, read and write)</p>	

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