

# Lesley Barnes

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<b>Objective</b>	I plan to gain an entry-level position doing geology-related work.	
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<b>Education</b>	<b>Bachelor of Science in Geology</b> <i>University of California, Davis, Davis, CA</i>	<i>2011</i>
	<ul style="list-style-type: none"><li>• Graduated cum laude with 3.78 GPA</li><li>• Outstanding Graduating Senior of the Geology Dept. 2011</li><li>• Dean's Honor List: Fall 2010, Winter 2011, Spring 2011</li><li>• Scholarships in Geology and Natural Sciences recipient for 2010-2011</li><li>• Geology Field Camp completed Summer 2010 with an A in all sections</li></ul>	

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<b>Employment History</b>		
	<b>Indexer</b> <i>Stanford University, Stanford, CA</i>	<i>April 2013 to May 2013</i>
	<ul style="list-style-type: none"><li>• Indexed over 2000 geothermal-related scientific articles for geographic locations</li></ul>	
	<b>Library Assistant</b> <i>Geothermal Resources Council, Davis, CA</i>	<i>Mar. 2012 to Mar. 2013</i>
	<ul style="list-style-type: none"><li>• Indexed over 5000 geothermal-related scientific articles in the GRC library for keywords and geographic locations</li><li>• Assisted at the GRC Annual Meeting and a geochemistry workshop</li></ul>	
	<b>Field Geologist</b> <i>Dewhurst Group, LLC., Germantown, MD</i>	<i>Dec. 2011 to Jan. 2012</i>
	<ul style="list-style-type: none"><li>• Supervised a team of three field technicians responsible for the set-up and take-down of magnetotelluric equipment for a geophysical survey of geothermal resources in Colorado</li><li>• Responsible for prioritizing sites for daily work schedule, trouble-shooting problems, and being a liaison to the local community while in the field</li><li>• Performed basic field maintenance and repair of the equipment and assisted with data organization</li></ul>	
	<b>Staff Research Associate</b> <i>University of California, Davis, Davis, CA</i>	<i>Aug. 2011 to Nov. 2011</i>
	<ul style="list-style-type: none"><li>• Aided a graduate student with field work involving a magnetotelluric survey, including the set-up, operation, take-down, and transportation of equipment and basic evaluation of data</li><li>• As the only field assistant, I was relied upon to problem solve issues hindering the survey</li></ul>	
	<b>Editorial Assistant</b> <i>Left Coast Press, Inc., Walnut Creek, CA</i>	<i>2006-2008</i>
	<ul style="list-style-type: none"><li>• Performed general secretarial duties including answering phones, organizing company email, filing, handling out-going mail, and managing company mailing lists</li><li>• As Production Manager for two books, coordinated between the author, series editor, publisher, and out-sourced production staff</li></ul>	

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<b>Projects</b>	<p><b>Re-evaluation of the Valles Caldera, NM Geothermal System: an Integrated Multidisciplinary Approach Using an Immersive 3D Visualization Environment</b>  GRC Transactions (2012), v.36, p.1345-1354</p> <p>This six month project was conducted for the National Geothermal Student Competition 2010-2011: Rio Grande Rift Assessment and placed first. I was a member of a group of graduate and undergraduate students who used data from previous studies of the Valles Caldera in a 3D model to gain new insights into the nature of the geothermal system in the caldera. I helped with research, data/model analysis, report writing, and orally presenting our findings.</p> <p><b>Geology of Geothermal Resources: the Long Valley Geothermal System</b>  <a href="http://www.geology.ucdavis.edu/classes/geothermalresources_F2010/">www.geology.ucdavis.edu/classes/geothermalresources_F2010/</a></p> <p>This three month long group project aimed at increasing student knowledge of geothermal systems and experience with the science that goes into a reservoir volume evaluation. I worked with the student group that focused on geophysical analysis of water flow in the reservoir using a small magnetotelluric survey. My part in the project involved an oral presentation and written assessment of our findings.</p>
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<b>Volunteer Experience</b>	<p><b>Oakland Unified School District, Legal Dept.</b> <i>Summers 2005-2009</i></p> <ul style="list-style-type: none"> <li>• Clerical and secretarial work.</li> </ul>
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<b>Leadership</b>	<p><b>President</b> <i>Sept. 2010 to Jun. 2011</i>  <i>AIPG, UC Davis Student Chapter</i></p> <p><b>Textbooks Intern</b> <i>Oct. 2009 to Jun. 2010</i>  <i>CALPIRG, Davis Student Chapter</i></p>
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<b>Skills Summary</b>	<ul style="list-style-type: none"> <li>• Word, Excel, and PowerPoint</li> <li>• ArcGIS</li> <li>• Project Management</li> <li>• Basic Remote Sensing Analysis</li> <li>• Off-road Driving 2WD, 4WD, and ATV</li> <li>• Gravimeter, Magnetometer, Seismic Array, and Magnetotellurics (AMT &amp; BMT) Equipment Use</li> </ul>
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<b>Memberships &amp; Affiliations</b>	<p>Student Member, Geothermal Resources Council</p> <p>Student Member, Geological Society of America</p> <p>Young Professional Member, American Institute of Professional Geologists</p>
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**References and Writing Samples Available upon Request**