

# Brian Mick

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<b>Related Experience</b>	<b>Tesla Motors   Mechanical Design Engineer</b> <b>2015-</b> Bruce Edwards, Tesla Motors Inc., Palo Alto, CA Worked on the battery enclosure team to design the Model 3 battery enclosure. Design focused on protecting the battery from vibration, thermal shock, foreign matter ingress, and crash scenarios. Experienced with mechanical and electrical interfaces, high durability designs, and low cost, high volume manufacturing.
	<b>American Jobs Project   Graduate Researcher</b> <b>2014-2015</b> Jennifer Granholm, UC Berkeley, Berkeley, CA. Worked with a team of policy and engineering students to analyze ways to create jobs through state policy incentives. Focused on jobs created through battery technology in Nevada, especially at the Gigafactory, and North Carolina. Studied Li-Ion battery supply chains and manufacturing processes to best recommend policies to strengthen the economic cluster. Awarded best presentation.
	<b>Blodgett Ovens   Mechanical Engineer</b> <b>2010-2014</b> Dan Swayze, Blodgett Ovens Co., Burlington VT. Participated in new design work for future products and continuing design excellence on current products. Led a project to redesign the flagship pizza oven and a project to integrate an acquired company with our manufacturing facility. Experienced with heat transfer, thermodynamics, and fluid dynamics.
<b>Education</b>	<b>UC Berkeley, Fung Institute of Engineering, Berkeley, CA.</b> Masters of Engineering, Mechanical Engineering, May 2015. 4.0.  <b>Cornell University, College of Engineering, Ithaca, NY.</b> Bachelor of Arts in Mechanical Engineering, May 2010. 3.5.
<b>Related Skills</b>	Extensive knowledge of SolidWorks and Catia for modeling, stress analysis, manufacturing drawings and animations. Skilled in Python and Matlab. Skilled in GD&T.
<b>Awards</b>	Eagle Scout Patent for counterbalancing system for oven doors Appalachian Trail 2010
<b>Other</b>	Provides baked goods to raise office morale.