

# KEITH DALICK

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## EDUCATION:

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**Florida State University** Tallahassee, FL  
BS: Mechanical Engineering May 2011  
Concentration: Thermal-Fluid Systems

## EXPERIENCE:

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**Florida State University** Tallahassee, FL  
**Engineering Research and Development Center** November 2009-Present  
*Design Assistant*  
Assist professors and students in designing and producing parts for research projects at the College of Engineering. Proficient in code writing and operation of CNC mill, CNC lathe and Water Jet Cutter.

**American Solar Challenge** Tallahassee, FL  
*Mechanical Engineer Lead* August 2010-May2011  
Led a team to design and build a solar powered vehicle to compete in the American Solar Challenge. Personal task of designing and building the composite body and suspension.

**UBECI Volunteer Projects** Quito, Ecuador  
*English Teacher* May 2010- July 2010  
Volunteered at underprivileged school to teach English in Quito, Ecuador. Planned daily lessons for active learning by the children six days a week. Participated in the street market program working with the poverty-stricken children living on the streets of Ecuador.

**R.L. Lipton Budweiser Distribution** Youngstown, OH  
*Merchandising Intern* May 2008- August 2008  
Supported the Merchandising Department and organized with large retailers on the placement and marketing of products. Worked independently with tight deadlines.

**Boy Scouts of America** Cooper City, FL  
*Eagle Scout* April 2004  
Initiated, planned, and coordinated the build of an otter enclosure for a sizeable “not for profit” animal sanctuary. Planned project, securing permission from a Board of Scoutmasters via a written proposal and in person presentation. Recruited, prepared, and led a crew of 12. Upon completion, wrote and presented report in a final interview to a 3-member Board of South Florida Council.

## COMPUTER KNOWLEDGE:

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Microsoft Office	SolidWorks	FeatureCAM	MathCAD
AutoCAD	Pro/Engineering	Matlab	LabView

## PROJECTS:

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Flywheel Energy Storage Design	SAE Baja Competition
Autonomous mobile robot	Flow visualization using smoke wire
Small Scale Rankine Cyler (Project video link <a href="#">HERE</a> )	American Solar Challenge (Project video link <a href="#">HERE</a> )