

Erik Turner

www.erikturner.net/professional

Erik@erikturner.net

(518) 225-1184

411 North 63rd St. Apt#101, Seattle, WA 98103

Education	M.S. Mechanical Engineering University of California, Irvine <i>Research Topic:</i> Dynamic modeling of distributed PEM fuel cell combined heat and power units sized for typical residential applications	8/2007-12/2009 G.P.A.: 3.68 / 4.00
	B.S. Mechanical Engineering Pennsylvania State University, University Park	8/2002-5/2007 G.P.A.: 3.55 / 4.00
Certifications	LEED Accredited Professional + Building Design + Construction (2009 v3) Engineering in Training (EIT) Examination, passed	
Work Experience	<i>Mechanical Engineer</i> <u>Robison Engineering</u> Shoreline, WA Perform heating ventilation and air conditioning (HVAC) and plumbing design work for clients ranging from small offices, fast food restaurants, nation wide retail outlets and hotels. Personal scope of work ranges from interaction with architect, performing load calculations, creating basis of design and all drawings and responding to plan review comments.	4/2010-present
	<i>Test Engineering Intern</i> <u>Siemens Stationary Fuel Cells Division</u> Pittsburgh, PA Tested fuel cell subsystems, analyzed raw data and developed a floor plan to incorporate new test stands using AutoCAD	5/2007-8/2007
	<i>Engineering Intern</i> <u>Facilities Engineering Institute</u> at PennState, State College, PA Performed building take-offs and updated data with current information from site Visits to create overarching database for PennDOT buildings state wide.	1/2007-5/2007
	<i>Undergraduate Assistant</i> <u>High Pressure Combustion Lab</u> PSU Designed combustion test rig with SolidWorks and managed fabrication of components.	5/2006-10/2006
	<i>Technical Career Intern</i> <u>United States Department of Energy</u> Created a project management template in MS Project to manage the environmental impact studies for a billion dollar multi decade demonstration project.	5/2005-12/2005
Software	<i>Mastery:</i> AutoCAD2008, Matlab, Simulink, MS Office, Adobe Photoshop <i>Proficient:</i> SolidWorks, eQuest, Adobe Suite, C++, MS Project	
Activities	Avid outdoorsman: hiking, climbing, skiing, backpacking, rock climbing, photography Member and Navigational Instructor – Mountaineers Club of Seattle United States Cycling Federation: Road, Cyclo-cross racer	