spencer english williams

developer, engineer, explorer

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objective

to provide creative and robust solutions
to dedicate my skills and values to a team project
to further my knowledge of user interaction design

education & honors

Carnegie Mellon University	Bachelor of Science, Mechanical Engineering, 2011
Boy Scouts of America	Achieved the rank of Eagle Scout, 2007

skills & interests

iOS, Ruby, Rails, Sinatra, Javascript, jQuery, HTML5, CSS3
bicycle touring, piano performance, woodworking, homebrewing

experience

Upstart Labs
Portland, OR
Jan 2012 — Oct 2013

Interface Engineer
Developing prototype and version 1 web and iOS applications for early-stage startups. Focusing on front-end and user interaction.

Freelance
Pittsburgh, PA
Dec 2008 — Dec 2011

Web Developer
Completing small project in PHP and Ruby on Rails. Working closely with a designer, system administrator and target users.

Scotch'n'Soda Theatre
Pittsburgh, PA
Oct 2007 — Dec 2011

Sound Designer, Master Carpenter, Technical Director
Being at once a go-to guy and production staffer. Involved in 18 productions on the Sound, Set and Electrics crews.

East End Brewing Company
Pittsburgh, PA
Aug 2011 — Oct 2011

Apprentice Brewer
Stacking pallets of grains and glassware, racking wort and beer between kettles, sanitizing equipment. Bottling and drinking beer.

Carnegie Mellon University
Pittsburgh, PA
Jan 2009 — Dec 2010

Course Assistant
Helping non-technically minded students learn problem-solving techniques used in basic programming, and the basics of Java.

Freeride Montpelier
Montpelier, VT
May 2007 — Jul 2007

Volunteer Mechanic
Teaching people how to repair and maintain their bicycles. Rebuilding donated bicycles and promoting community values.

Vermont Youth Conservation Corps
Montpelier, VT
Summer 2005 & Summer 2007

Corps Member
Completing projects in watershed maintenance and trail-building. Camping at our work sites and building a 40' log bridge.