

Emma Cunningham

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portfolio: <http://emmacunningham.github.io/>

Education

Brown University, MA in Linguistics (specialization in Formal Semantics and Logic) | Dec 2011
National Science Foundation grant BCS #0646081 (2008-2011)
Linguistic Society of America Summer Institute Fellowship (2007)
Kenneth R. and Pamela L. Galner Fellowship (2006-7)

University of Southern California, BA in Linguistics (magna cum laude) with Honors | May 2006
USC Presidential Scholar (2002-2006)
National Merit Finalist and Scholarship recipient (2003)
Harry A. Miller Endowed Scholarship (2004-5)

Recent Work Experience

Heart of Los Angeles, Scientific Arts Teacher | Feb 2015 - present
- Teach and develop project-based curriculum to engage students in STEAM topics (primarily software and electronics engineering).
- Create custom software (game engine libraries, Arduino modules) to facilitate student learning.

YouthBuild Charter School of California / LA Trade Tech, Adjunct Faculty | Jan 2015 - Apr 2015
- Taught and developed curriculum for seven-week Young Tech Entrepreneurs Initiative course, focussing on introducing students to front-end and back-end web development and design.
- Taught and developed curriculum for weeklong web development/design course (CodeLA), culminating in a day-long hackathon (CODEChella) where students built websites for local businesses.

Freelance, Technical Lead / Full-stack Web Developer | Jun 2015 - present
- Develop full-stack solutions for a variety of clients and applications.

Left Field Labs, Senior Developer and Technical Lead | Apr 2012 - Jun 2015
- Developed product marketing sites, focussing on cross-browser compatibility and creating pages that respond to client marketing content updates.
- Hired, trained and led small teams by performing code reviews and created efficient development workflows for internal use.
- Researched and implemented new technologies (Arduino, 3d printing, web animation) for use in internal office projects.

Brown University, Research and Teaching Assistant | Sept 2006 - Nov 2011
- Led weekly discussion sections, evaluated homeworks and exams, assisted in the design of exams, supervised undergraduate teaching assistants.

Technical Skills

HTML5	Python	deployment to cloud services (AWS, Heroku)
CSS3	Django	GitHub
JavaScript	Ruby	Arduino
jQuery	Java	Scheme/Common LISP
Angular JS	node.js	C/C++