

# CLAY STEWART

1221 S. Congress Ave. • Austin, TX 78704 • 601-291-3701 • claytonmstewart@gmail.com • @Clay\_Stewart

## WORK EXPERIENCE

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**MakerSquare** Austin, TX – *Senior Instructor / Full-Stack Developer* Aug. 2013 – Present

- Developed frontend and backend, managed pull requests and issues for a rails Recruit App used by graduates to apply for positions after exiting 12 week course
- Managed final projects for students, typically a Rails app or node.js
- Presented and managed the first six weeks of front-end instruction, including html, stylesheets, sass, css frameworks, javascript, jQuery, and javascript frameworks
- Developed a new marketing site in Rails for [www.makersquare.com](http://www.makersquare.com)
- Wrote original and revised existing curriculum for front and back end development and provided instructor feedback from a TFA perspective
- Built several smaller online applications to help with classroom facilitation

**New South Technology**, Charleston, SC – *Principal Developer* Aug. 2010 – Present

- Worked on multiple large scale php web applications (using plain php and Zend Framework)
- Full stack developer who has focused equally on front end and backend and is at advanced level in both; focused on AJAX techniques to load data as user moves throughout applications; ruby, php, javascript, scss, and HTML5
- Worked on several WordPress projects: installing, designing, implementing features
- Developed graphic design for both web projects, web marketing and print marketing
- Penned, edited and approved patents, legal documents, trademark documents, and EULAs

**Ashley Hall**, Charleston, SC – *Web Presence Manager* Aug. 2010- June 2012

- Redesigned main website ([www.ashleyhall.org](http://www.ashleyhall.org)) with new marketing focus and added a new web 2.0 style learning component for students, teachers, and parents
- Managed all content on the website and in email marketing through Mailchimp, and coded front end pages in a CMS with HTML, CSS3, and Javascript
- Trained 120+ faculty and staff as well as constituents on new online learning portals

**Teach for America**, Charlotte, NC – *High School English Teacher* June 2008-June 2010

- Closed the Achievement Gap in 10<sup>th</sup> Grade Writing EOC by 60% compared with a pacesetter school
- Taught English II, III and AP English to 200+ 10<sup>th</sup> and 11<sup>th</sup> grade students at *The Renaissance School at Olympic Community of Schools*; created 2 sets of objective-driven lesson plans daily, tracked and analyzed student data, developed assessments, communicated results to parents and administrators
- Facilitated the Graduation Project research paper for 180 students
- Co-founded and advise the student newspaper, *The Scarlet Letter*
- Attended continuing educational courses and conferences, such as Boston Arts Academy Institute

**Galileo Educational Solutions**, Hoboken, NJ – *Lead Designer / Journey Program* Jan. 2010- Jan 2011

- Write Monthly Online Magazines in HTML and CSS (sample client: University of Missouri, Alumni)
- Worked within a Agile SCRUM ticketing software development environment
- Created with Adobe Photoshop and PowerPoint to create sales presentations
- Use Adobe InDesign to create print content for various clients

## SKILLS

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**Programming:** Ruby on Rails, rSpec, heroku, git AngularJS, Unix, Backbone.js, php, Zend Framework, CodeIgnitor, javascript, jQuery, node.js, CSS3, HTML5, postgreSQL, MySQL, Firebase, erb, slim, haml, xml, subversion, objective-C, node.js

**Web-Applications:** Google Apps, Agile Scrum Tools, Wordpress, Mailchimp

**Skills:** Aptana, Sublime, Microsoft Office Suite, Windows OS, Macintosh OS, Linux OS, Adobe Creative Suite, Final Cut Pro Video Production Suite (Portfolio of sample projects available), Teaching, Research, Email Marketing

## EDUCATION

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**MakerSquare** – *10 week immersive coding bootcamp*, Austin, TX November 2013

Developed an open source music collaboration webapp: [headband.herokuapp.com](http://headband.herokuapp.com)

Technologies used: Rails, JS Web Audio API, Amoeba gem, Bootstrap CSS, postgreSQL

Developed a tennis matchmaking site for 3 Day Startup: [matchsetter.herokuapp.com](http://matchsetter.herokuapp.com)

Technologies used: Rails, Coffin CSS, postgreSQL

Developed the start of a chrome extension to package up a user's daily links:

[github.com/clamstew/myboxes-chromext](https://github.com/clamstew/myboxes-chromext)

[github.com/clamstew/myboxes](https://github.com/clamstew/myboxes)

Developed a classroom facilitation project:

[github.com/clamstew/activity-board](https://github.com/clamstew/activity-board)

**University of the South** – *College of Liberal Arts*, Sewanee, TN May 2008

Bachelor of Arts in Philosophy (Concentration in Ancient, Metaphysics, Plato), *Cum Laude*

Minor in Classical Studies

Dean's List: Fall 2004, Fall 2006, Fall 2007, Spring 2008

Proctor, European Studies Abroad Program – Oxford, England

### **Distinctions:**

President's Award, Four-year renewable scholarship for academic merit and leadership

Omicron Delta Kappa: National Leadership Honor Society

Phi Sigma Tau: National Philosophy Honor Society / Phi Alpha Theta: History Honor Society

Order of the Gownsmen: Academic Honors Society and Student Governing Body

Chairman of the Student Disciplinary Committee

Recipient of Tonya Internship Award and Stipend