

Carmen Tan

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Jr. Web Developer and Designer

EDUCATION

University of Southern California
BA of Art, emphasis in Graphic Design
(expected: May 2016)

SKILLS

Software/Web Development

- C++
- Java
- CSS3 + HTML5
- SASS/LESS
- JavaScript/JQuery
- Node.js
- AJAX
- PHP
- Github/Git
- MVC frameworks
- Eclipse
- Bootstrap
- Wordpress
- Agile/Scrum

Design

- Branding and Identity
- Typography
- User Interface Design
- Wireframing
- Responsive Design
- Storyboarding
- Digital Illustration
- SEO
- Maya + Rhino (3D)
- Adobe Creative Suite

RELEVANT COURSES

Technical:

Introduction to Computer Programming,
Data Structures, Principles of Software
Development, Introduction to Computer
3-D Animation

Creative: 2D Design, Advanced Design
Projects, Typography, Graphic Design in
Fashion, Web Design, 3D Design, Art
and Technology

EXPERIENCE

Jr. Web Developer - USC Laboratory of Neuroimaging (LONI)

(May 2015 - present)

- Worked on the production of several different APIs designed to gather usage analytics and bug reports for all of the Lab's websites
- Created a Node-based web application to produce secure methods of access to scientific research data and computational resources
- Created a javascript-based interactive plugin designed to educate users by graphically representing the relationships between biomedical imaging, genetics, and computer science in the production, usage, and manipulation of "Big Data" for biological systems
- Developed custom Wordpress templates as well as splash pages for the various lab projects and groups used by professors/researchers at the Lab in an Agile/Scrum-based working environment

Lead Web Developer - USC Trojan Events (August 2013 - present)

- Performed site maintenance and created new dynamic/interactive functionality for the main internal employee scheduling system
- Optimized the loading of employee data statistics and other front-end components used by payroll coordinators and shift managers to create budgetary allocations, schedule employees, and gather shift reports

Developer Intern - Songabout.FM (July 2014 - August 2014)

- Integrated several music data APIs into a custom online library for quick and efficient lyric-finding and song-listening experience
- Developed multitasking functionality for an interactive music player

Webmaster - USC Trojan Marching Band (August 2012 - May 2015)

- Designed graphical assets for web and print materials
- Helped organize/manage event bookings from online form requests

Freelance Web Designer/Developer (September 2010 - present)

- Built custom websites and web applications tailored to client needs, including: a small business ecommerce site, internal social networking application for USC Cinema students, personal portfolio sites, etc.

SELECTED PROJECTS

SimCity 201 - Principles of Software Development class project (2013)

- Designed and implemented the various UI and front-end functions for a Java application simulating the Sim City videogame.

Employee Scheduling Calendar - Trojan Events (in progress)

- A PHP and javascript-based scheduling application that helps payroll coordinators and scheduling managers maintain the scheduling of employees in their sub-departments