

1137 N Central Ave  
Glendale CA 91202

# SAMANTHA STILSON

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## EMPLOYMENT

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**Software Engineer, Intern** **Beyrep** **Summer 2015**

*Startup creating a web application to help homeowners and professionals to connect on renovation projects*

- Managing the front-end of the application, including user experience design, front-end development in JavaScript, and project management with a remote development team in India.

**Web Developer, Intern** **CS Teaching Tips** **Summer 2014**

- Designed and developed Drupal-powered website csteachingtips.org.
- Created Social Media/SEO strategies that resulted in 14,000 views, 1200 sessions, and 450 new users over a 6-week period.

**Computer Science Tutor** **Harvey Mudd College & Scripps College** **Fall 2012 - Spring 2015**

- Courses: Intro to Computer Science; Principles of Computer Science; Data Structures & Program Development; User Interface Design.
- Developed course materials for User Interface Design in Fall 2014.

**Writing Center Consultant** **Harvey Mudd College** **Spring 2014 - Spring 2015**

- Worked with students one-on-one to improve communication through writing at various stages of the writing process for technical & non-technical papers, presentations, and proposals.
- Planned and executed two social events per semester to raise awareness of the Writing Center.

## EDUCATION

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**Claremont, CA** **Harvey Mudd College** **September 2011 - May 2015**

- B.S. in International Relations with Minor in Computer Science, May 2015. GPA: 3.3/4.
- Relevant Coursework: Software Development; User Interface Design; Data Structures & Program Development; Principles of Computer Science; Discrete Mathematics; Social Media Analysis.
- Study Abroad: London School of Economics Summer 2012; University of Sydney Fall 2013.

## TECHNICAL EXPERIENCE

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### Projects

- **Political Twitter** (2015): Developed a program that analyzes tweets corresponding to political hashtags to create a network of political interest groups on Twitter.
- **Pitch Perfect** (2015): iOS App coded in Swift that allows users to record sound and then play the recording with multiple audio effects. Built as part of a Udacity course.
- **CHAP Website** (2014): Designed and developed a website (chapclaremont.org) for a local nonprofit, including support for PayPal donations, an email list, and a timeline. Used Bootstrap to help focus on mobile-first development.

### Languages and Technologies

- Computer Languages: Python, Java, C++, Swift, PHP, HTML/CSS, Racket, some JavaScript
- Spoken Languages: French, Spanish, some Mandarin
- Technologies: Eclipse; XCode; Bootstrap; Drupal; Foundation; Balsamiq

## LEADERSHIP EXPERIENCE

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- **President, North Dorm** (2014-2015): Represented dorm interests & managed \$1600 annual budget.
- **Mentor, Office of Study Abroad** (2012-2015): Built up study abroad program by leading information sessions for students interested in going abroad and recruiting over 60 students to join the mailing list.