SAMANTHA STILSON

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WORK EXPERIENCE

Software Engineer, Intern	**Beyrep**	**Summer - Fall 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 product 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

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

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

LEADERSHIP EXPERIENCE

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