216.973.8703

SAMANTHA STILSON
samanthastilson.com

samantha.stilson@gmail.com

WORK EXPERIENCE

| **Software Engineer** | **ThoughtWorks** | **February 2016 - Present** |

Consulting company providing technical delivery and advisory services.

- Owned creation of experimental mobile application and presented final product to C-level stakeholders. Application was approved, launched, and generated nearly a thousand new leads with no marketing effort.
- Created a mobile application MVP from scratch in 6 months using AngularJS, Java, and Ionic. Launched with several partners and generated hundreds of conversions over a few months.
- Built new tech stack for server-side A/B testing in the cloud, improving reliability of test results.
- Created mobile-first web application with Ruby and SASS.
- Transformed monolithic application into microservices using NodeJS and Kubernetes.

| **Software Engineer** | **Beyrep** | **June - October 2015** |

Startup creating a web application to help homeowners and professionals connect on renovation projects
- Designed a delightful user experience for both professionals and homeowners on web.
- Initiated mobile redesign to follow best practices, improve ease of use, and increase mobile conversions.
- Defined requirements and led weekly requirements meetings with a remote development team in India.
- Implemented the front-end of the application in HTML/CSS and JavaScript.

| **Software Development Intern** | **CS Teaching Tips** | **June - August 2014** |

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

| **Computer Science Tutor** | **Harvey Mudd College & Scripps College** | **Autumn 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.

Languages and Frameworks

- **Languages**: JavaScript, Java, HTML 5, CSS 3.
- **Frameworks**: React, AngularJS, Node, SASS, Spring, Handlebars.
- **Tools**: Jenkins, Optimizely, Mixpanel, New Relic.
- **Spoken Languages**: French, Spanish, basic Mandarin.

EDUCATION

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

- B.S. with Distinction, 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 Autumn 2013.