

Diane Yang

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EDUCATION	Harvard University <i>A.B. in Computer Science, expected May 2016</i>
TECHNICAL SKILLS	Languages: Python, JavaScript, Coffeescript, OCaml, PHP, Java, C, SQL Tools & Frameworks: Angular.js, Backbone.js, jQuery, Django, MongoDB, Git Design & Templating: HTML, CSS/Sass, Jade, Handlebars.js, Adobe Photoshop, Adobe Illustrator
EXPERIENCE	<div><div>Software Engineering Intern <i>HubSpot</i></div><div>Summer 2014</div><ul style="list-style-type: none">• Front-end developer for the Content Optimization System, HubSpot's marketing-optimized blogging platform.• Spearheaded the rewrite of a suite of dashboards from Django pages to CoffeeScript-based Backbone.js apps, making them faster and easier-to-use.• Worked with back-end engineer to integrate front end with RESTful Java API.• Project launched in August 2014 to over 5000 customers.</div> <div><div>Teaching Fellow <i>Computer Science 51</i></div><div>Spring 2014</div><ul style="list-style-type: none">• Taught weekly 1.5-hour sections, held office hours, and graded assignments.• Course covers abstraction and design in computation, including functional programming and object oriented programming. Exercises in OCaml.</div> <div><div>Software Engineering Intern <i>HubSpot</i></div><div>Summer 2013</div><ul style="list-style-type: none">• Enhanced Selenium test framework by implementing page objects design pattern, making integration tests more readable, maintainable, and easier to write by wrapping page interactions in an API.• Added API endpoints and UI features for managing blog settings for initial release of Content Optimization System. Worked primarily with Python/Django and CoffeeScript.</div> <div><div>Staff Developer <i>Harvard Student Agencies</i></div><div>Fall 2012 - Spring 2014</div><ul style="list-style-type: none">• Worked in small teams to design and develop websites and apps for clients.</div>
PROJECTS	Harvard Food Finder - Bayesian classification algorithm trained to recognize emails that mention free food opportunities on campus, written in Python. Textify - Neural network for optical character recognition, written in Python. Hocus - Android camera app that lets users take steadier photos & video by hovering over the screen to focus. Won Most Innovative Use of Hover at HackMIT 2014. Get Prepped - JavaScript-based SAT prep app for Microsoft Surface.
LEADERSHIP	<div><div>WECode Outreach Chair <i>Harvard Women in CS</i></div><div>Fall 2013 - Spring 2014</div><p>Led publicity and outreach for WiCS's first annual conference for women in tech, attracting nearly 300 attendees from 40 colleges.</p></div> <div><div>Board Member <i>HackHarvard</i></div><div>Fall 2013 - Spring 2014</div><p>Worked with 4 other board members to bolster tech entrepreneurship community at Harvard. Hosted speakers from the tech industry and helped organize HackWeek, the club's flagship incubator for student startups.</p></div>