

Diane Yang

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EDUCATION	Harvard University <i>A.B. in Computer Science, expected May 2016</i>
TECHNICAL SKILLS	Languages: Python, OCaml, PHP, JavaScript, Coffeescript, Java, C, SQL Tools & Frameworks: Angular.js, Backbone.js, Django, jQuery, MongoDB, Android, Heroku, Git Design & Templating: HTML, CSS/Sass, Jade, Handlebars.js, Adobe Photoshop, Adobe Illustrator
EXPERIENCE	<p>HubSpot Software Engineering Intern Summer 2014</p> <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 blog-related dashboards from Django to faster and easier-to-use static Backbone.js apps.• Projects set to launch in September 2014 to over 5000 customers. <p>Computer Science 51 Teaching Fellow Spring 2014</p> <ul style="list-style-type: none">• Taught weekly 1.5-hour sections, held office hours, and graded assignments.• Course covered abstraction and design in computation, including functional programming and object oriented programming. Exercises in OCaml. <p>HubSpot Software Engineering Intern Summer 2013</p> <ul style="list-style-type: none">• Wrote Python API endpoints and UI features for managing blog settings for initial release of Content Optimization System.• Implemented page object design pattern for Selenium integration test framework, making tests more readable, maintainable, and easier to write. <p>Harvard Student Agencies Staff Developer Fall 2012 - Spring 2014</p> <ul style="list-style-type: none">• Worked in small teams to design and develop websites and apps for clients.
PROJECTS	<p>Harvard Food Finder - Bayesian classification algorithm trained to recognize emails that mention free food, then post event information on a web page.</p> <p>Textify - Neural network for optical character recognition, written in Python.</p> <p>Hocus - Android camera app that lets users create steadier photos & video by hovering over the screen to focus. Won Most Innovative Use of Hover at HackMIT 2014.</p> <p>Get Prepped - JavaScript-based SAT prep app for Microsoft Surface.</p>
LEADERSHIP	<p>Harvard Women in CS WECODE Organizer Fall 2013 - Spring 2014</p> <p>Led publicity and outreach for WiCS's first annual conference for women in tech, attracting nearly 300 attendees from across the Northeast.</p> <p>HackHarvard Board Member Fall 2013 - Spring 2014</p> <p>Work with 4 other board members to build Harvard's entrepreneurship community. Helped organize HackWeek, the club's flagship incubator for student startups.</p>