Diane Yang

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EDUCATION

Harvard University *A.B. in Computer Science, expected May 2016*

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

HubSpot *Software Engineering Intern*   Summer 2014
- 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.

Computer Science 51 *Teaching Fellow*   Spring 2014
- 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.

HubSpot *Software Engineering Intern*   Summer 2013
- 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.

Harvard Student Agencies *Staff Developer*   Fall 2012 - Spring 2014
- Worked in small teams to design and develop websites and apps for clients.

PROJECTS

Harvard Food Finder - Bayesian classification algorithm trained to recognize emails that mention free food, then post event information on a web page.
Textify - Neural network for optical character recognition, written in Python.
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.
Get Prepped - JavaScript-based SAT prep app for Microsoft Surface.

LEADERSHIP

Harvard Women in CS *WECode Organizer*   Fall 2013 - Spring 2014
Led publicity and outreach for WiCS's first annual conference for women in tech, attracting nearly 300 attendees from across the Northeast.

HackHarvard *Board Member*   Fall 2013 - Spring 2014
Worked with 4 other board members host events about tech entrepreneurship and organize HackWeek, the club's flagship incubator for student startups.