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 marketingoptimized 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 launched in August 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 covers 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.
- Enhanced Selenium integration test framework by implementing page objects design pattern, 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, written in Python.

Textify - Neural network for optical character recognition, written in Python.

 ${f Hocus}$ - 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

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 to host events about tech entrepreneurship and to organize HackWeek, the club's flagship incubator for student startups.