

CHRISTOPHER HILL

Web Architect and Engineer

HTML5, CSS3, Javascript, jQuery, AngularJS
NodeJS, Ruby, RoR, Python, Django, PHP

Summary

I offer a unique, multi-faceted approach to web development that brings together both creative and technical skills, both at a deep level. While I excel as a collaborator, I am a highly independent, critical thinker that can successfully and efficiently manage full-lifecycle software development, from vision to granular detail and implementation.

Languages, Technologies and Methodologies

Methodologies:	Agile (Scrum), Lean, Kanban
Language Experience:	HTML5, CSS3, Javascript, Ruby (Rails, Sinatra), Python (Django), NodeJS (Express), PHP (Yii, Drupal), Java (OSGI, Struts, Hibernate), C++, Objective C, JSON, JSONP, XML, SAML, ASP, BASIC, FTL
Testing:	RSpec, Cucumber, Jasmine, PhantomJS, Karma
JS Frameworks:	Angular, Backbone
JS Libraries (selected):	jQuery, jQueryUI, Require, Underscore, D3, Modernizr, YUI, Mustache, Handlebars, Knockout
CSS Libraries:	Twitter Bootstrap (2.0, 3.0), Zurb Foundation
UX Design Concepts:	Mobile First, Responsive Design, Media Queries
Database Experience:	MySQL, PostgreSQL, MongoDB, Redis, Microsoft SQL
API Experience:	Google Maps, Google Hangouts, Google Feeds, Rovi, Marketo, Spotify, PayPal, Amazon, Twitter, Facebook, BART, Stripe
Version Control:	Git, SVN, Perforce, Alfresco
IDE Environments:	WebStorm, RubyMine, IntelliJ, Eclipse, Dreamweaver
Preferred Environment:	Sublime Text, VIM
Content Management:	Drupal, Joomla, WordPress
Drupal Modules:	Commerce, Views, Rules, Context, Panels
Server Experience:	Digital Ocean, Linode, Rackspace, AWS, Heroku, Apache, Tomcat, NGINX, Dovecot, Postfix
Server Administration:	Linux (CentOS 5.7, Ubuntu 12.04), Windows 2008, 2003
Media Tools:	Adobe Creative Suite CS6 (Photoshop, Illustrator, Dreamweaver, Acrobat, Premiere, and Soundbooth)

CHRISTOPHER HILL

Recent Experience

UI Engineer, Apple (Consultant)

Sunnyvale, CA: February 2014 - Present

Member of the UI engineering team for an internal application. The project is a complete rewrite of a complex legacy internal mail application utilizing AngularJS, Angular UI, Grunt, Bower, RESTful API architecture, Java and Hibernate.

Front-End Engineer, Razoo

San Francisco, CA: July 2013 - January 2014

Member of engineering team in a dynamic startup environment. Hybrid Ruby on Rails 2 and 3 environment using technologies like MySQL, Redis, AngularJS and OOJS. Duties included bug-fixing to full feature development.

Senior Web Developer, AppDynamics

San Francisco, CA: March 2013 - July 2013

Led front and back-end development for a PHP (Drupal) site and advocated and implemented development methodology. Reviewed code from multiple third parties to ensure standards compliance. Led front-end development for the self-service portal (Django/Python) that integrated with third party APIs (Marketo/Salesforce). Maintained CentOS web-server.

Web Developer, Virgin America (Consultant)

Burlingame, CA: October 2012 - March 2013

Led front-end development for internal Known-Crew-Member (KCM) tool using HTML5, CSS3, jQueryUI, and JSON AJAX API. Assisted with back-end development using Java, Hibernate and Struts. Bug fixes through small-to-medium feature development.

Web Developer, Harvard Business Publishing (Consultant)

Watertown, MA: February 2012 - October 2012

Built custom web portals for high-profile clients such as Harvard Business School, KPMG, Ernst and Young, and AT&T using a traditional LAMP stack. Winner of the Spotlight Award for work with JP Morgan Chase. Nominated for an award for the front-end development and design of an internal sales portal.

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Recent Experience (continued)

Director of Information Technology, Rayburn Music

Quincy, MA: July 2011 – February 2012

Led development of a new Drupal e-commerce site with minimal resources. Migrated a legacy Windows 2003 server infrastructure to new location with new group policies from the firewall to client machines. Managed a team of three employees.

Awards and Honors

2012	Nikolai Malko International Conducting Competition, Finalist
2010	Dmitri Mitropoulos International Conducting Competition, Finalist
2010	Cadaqués International Conducting Competition, Finalist
2010	Solti Foundation (U.S.) Career Development, Award Winner
2008 - 2010	Portsmouth Symphony Orchestra, Music Director and Conductor
2008 - 2009	University of New Hampshire, Director of Orchestras

Volunteer Activities

2010	"Conversations with Chris", Music Series, Portsmouth Public Library
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International Experience

Native English,
Fluent German,
Good Spanish, French, and un poco Italiano.
Experience with Greek, Bulgarian, Russian and Chinese.

Frequent travel has included the United Kingdom, Bulgaria, Spain, France, Switzerland, Austria, Germany, Denmark, Greece, Canada and Quebec.

Other Accomplishments

2007	Completed the full "Flying Pig" Marathon (Cincinnati, OH)
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CHRISTOPHER HILL

Education

- 2006 - 2012 **University of Cincinnati** College-Conservatory of Music
Doctor of Musical Arts (DMA) awarded in June, 2012
Thesis: Art Nouveau and the Symphony during the Fin-de-Siècle: The Intersection of the Arts in Paris and Vienna.
Lecture Recital: *Fünf Orchesterstücke* as seen through the works of Adolf Loos.
Top-10 ranked program for course of study.
3.8 grade point average.
Full tuition scholarship recipient with teaching assistantship.
- 2003 - 2005 **University of Michigan** School of Music (Ann Arbor)
Masters of Music, Orchestral Conducting (2005).
At the time, was the top-ranked program for orchestral conducting in the United States.
3.7 grade point average.
Recipient of the Charles Walgreen Fellowship.
- 1999 - 2001 **Michigan State University**
Bachelor of Music, Double Bass Performance (2001).
Full tuition scholarship recipient.

Portfolio

A portfolio of some recent projects as a developer is available on-line:

<http://www.christopherhillconsulting.com/>

My website as a conductor of orchestras and opera internationally can be found here:

<http://www.christopherhillconductor.com/>