CHRISTOPHER HILL

Web Architect and Full-Stack Engineer
HTML5, CSS3, Javascript, jQuery, AngularJS, 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 manage large projects as well as implement them through granular-level detail.

Languages, Technologies and Methodologies

Methodologies:	Agile (Scrum), Lean, Kanban
Language Experience:	HTML5, CSS3, Javascript, Ruby (Rails, Sinatra), Python (Django), NodeJS (Meteor), PHP, Java (OSGI, Struts, Hibernate), C++, Objective C, JSON, JSONP, XML, SAML, ASP, BASIC, FTL
Testing:	RSpec, Cucumber, Jasmine
Javascript Libraries:	AngularJS, RequireJS, Backbone, jQuery, Ember, Modernizr, jQuery UI, YUI, Mustache, Handlebars
AJAX Experience:	with Javascript, jQuery, and AngularJS
CSS Libraries, etc.:	Twitter Bootstrap, Zurb Foundation, Mobile First, Responsive Design, Media Queries
Database Experience:	MySQL, PostgreSQL, MongoDB, Redis, Microsoft SQL, Microsoft Access, Microsoft Visual FoxPro
Server Experience:	Digital Ocean, Linode, Rackspace, AWS, Heroku, Apache, Apache Tomcat, Dovecot, Postfix
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:	RubyMine, IntelliJ, Eclipse, Aptana, Dreamweaver
Preferred Environment:	Sublime Text, VIM
Content Management:	Drupal, Joomla, WordPress
Drupal Modules:	Drupal Commerce, Views, Rules, Context, Panels
Server Administration:	Linux (CentOS 5.7, Ubuntu 12.04), Windows 2008, 2003, 2000
Media Tools:	Adobe Creative Suite CS6 (primarily Photoshop, Illustrator, Dreamweaver, Acrobat, Premiere, and Soundbooth)
Additional Tools:	Microsoft SharePoint (WSS 3.0) and Microsoft InfoPath, Microsoft Visual Studio 2010, Microsoft Office 2010

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Current and Recent Experience

Front-End Engineer, *Razoo*   San Francisco, CA: July 2013 – Present
- Member of engineering team in a very dynamic startup environment for www.razoo.com. Hybrid Ruby on Rails 2 and 3 environment with MySQL and Redis on RedHat, with an AngularJS and object-oriented Javascript front-end. Bug-fixing to full front and back-end feature development.

Senior Web Developer, *AppDynamics*   San Francisco, CA: March 2013 – July 2013
- Led front-end development for www.appdynamics.com, a Drupal site, advocating for proper development practices and standards. Reviewed code from multiple third parties to ensure standards compliance. Led architecture for the self-service portal (JSON API built with Python and Django) that integrates with the Marketo API and Salesforce analytics. Maintained CentOS web-server.

Web Developer, *Virgin America*   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 with Java, Hibernate and Struts on the back-end. Maintain and update legacy www.viriginamerica.com as needed with bug fixes and small-to-medium features.

Principal, *Christopher Hill Consulting*   NH, MA, CA: December 2005 – Present
- Clients include startups, established businesses, the University of New Hampshire and Stanford University.
- Stacks based on client needs: Ruby (Rails, Sinatra), Python (Django), PHP (Drupal, Wordpress, Yii)
- Other selected clients: www.amapto.com, www.mingformatics.com, www.studioish.net

Web Developer, *Harvard Business Publishing*   Watertown, MA: February 2012 – October 2012
- Used jQuery, Javascript, AJAX, JSON, PHP, and MySQL to build custom internal web portals for high-profile clients such as Harvard Business School, KPMG, Ernst and Young, and AT&T.
- Winner of the *Spotlight Award* for contributions to a solution for a cross-platform communication problem with cookies and SSO for JP Morgan Chase.
- Nominated for an award for the front-end development and design of an internal sales portal, designed and developed for new hires.

Director of IT, *Rayburn Music*   Quincy, MA: July 2011 – February 2012
- Migrated a legacy Windows 2003 server infrastructure to new location with new group policies from the firewall to client machines. Managed three employees.
- Led development of a new Drupal e-commerce site designed to replace legacy proprietary e-commerce site with approximately 10,000 users.
- Led development of *Conduct Yourself*, a startup bootstrapped by Rayburn which utilized a pre-existing installation of Joomla with the TokBox API.

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Other Positions, Awards and Honors

Malko Conducting Competition	Finalist	2012
Dmitri Mitropoulos Competition	Finalist	2010
Cadaqués Conducting Competition	Finalist	2010
Solti Foundation (U.S.)	Career Development Award	2010
Portsmouth Symphony Orchestra	Music Director and Conductor	2008 – 2010
University of New Hampshire	Director of Orchestras	2008 – 2009
Administrative Assistant, *NormaTec*	Newton, MA	2010 – 2011
Assistant Editor, *All Music Guide*	Ann Arbor, MI	2005 – 2006
Computer Technician, *TekSystems, Inc.*	East Lansing, MI	1999 – 2001
Computer Technician, *CP&U*	Grand Rapids, MI	1997 – 1999

Teaching Experience

University of New Hampshire	Faculty	2008 – 2009
University of New Hampshire SYMS	Faculty	2008 – 2009
Cincinnati College-Conservatory of Music	Teaching Assistant	2006 – 2008
University of Michigan	Teaching Assistant	2003 – 2005
Private Double Bass Studio	Faculty	2003 – 2005
Ann Arbor School for the Performing Arts	Faculty	2002 – 2003

Volunteer Activities

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

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, Spain, France, Switzerland, Austria, Germany, Greece, Canada and Quebec.

Other Accomplishments

Completed the full "Flying Pig" Marathon	Cincinnati, OH	2007

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Education

University of Amherst	2012

    Drupal Camp

University of Cincinnati College-Conservatory of Music   2006 – 2012

    Doctor of Musical Arts Degree 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.

University of Michigan School of Music – Ann Arbor   2003 – 2005

    The top-ranked program for orchestral conducting in the United States.

    Masters of Music Degree, Orchestral Conducting (2005).

    3.7 grade point average.

    Recipient of the Charles Walgreen Fellowship.

Michigan State University   1999 - 2001

    Bachelors of Music Degree, Double Bass Performance (2001).

    Full tuition scholarship recipient.

Portfolio

A portfolio of some of my current projects as a web 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.christopherhilconductor.com/