**Justin R. Colangelo**

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**https://github.com/justincolangelo**

**GOAL:** To further my knowledge of software development and technology

**EDUCATION: Westford Academy**, Westford, Massachusetts

High School Diploma, June 2002

**New England Institute of Art**, Brookline, MA

Associate of Science in Audio Production, May 2007

**Portland State University**, Portland, OR

Working on Bachelor’s of Computer Science

**WORK**

**EXPERIENCE:**

**Dirigo Design and Development Full Time Work as Developer**

*May 2013 – Current*

* Developer role building responsive websites for use on multiple devices in .NET / MVC / C# / Bootstrap / javascript / jquery.
* Contributed to an in-house CEM/CMS hybrid called Edge.
* Wrote a platform in C# / MVC / .NET for ski resort websites. These include <http://schweitzer.com> in Idaho, <http://tellurideskiresort.com>, <http://www.mountsnow.com>, and <http://www.sugarbush.com>

**Ticket Turtle Full Time Work as Developer**

*January 2012 – January 2014*

* Junior level developer role building a performing arts ticketing application for use on all platforms, web based, OOP.
* Program in Zend Framework MVC combined with Doctrine ORM and UnderscorePHP for the backend processing of data, and a PostgreSQL relational database with millions of rows, over 8gb
* Maintain logs on multiple Amazon cloud servers, watching for overloads and potential bugs, correcting bugs via Zendesk and Podio for better management and tracking.
* Keeping version control with multiple private git repos
* Using PHP/javascript to build a reporting interface for accounting and other reconciliation options like ticket sales, retail sales, and inventory, writing complex queries to return the data in an easy to present format.
* Writing classes for pdf creation for ticket and receipt printing using PHP.
* Working on a complex pricing engine written in PHP/SQL with too many pieces to write here.
* Working with ModX to move the main website into a CMS for easy management by non-technical employees
* Modernizing the entire application, piece by piece, replacing each screen one at a time, updating the deprecated code, adding new code like jQuery for easy DOM manipulation and AJAX use, streamlining the product.
* Attending multiple meetings on design and workflow, giving input on each decision/design.
* Creating vhosts as necessary for alpha/beta testing intercompany, while still bringing in some customers as beta testers for public feedback before an agile release.
* Learned new JS/PHP libraries on the fly, including AngularJS, NodeJS, lots of jQuery, Doctrine, UnderscorePHP, and Smarty. Used these libraries to see improvements in load time, as well as reduce the amount of code needed for pieces of the application to process, making the codebase smaller, and easier to maintain.
* Bring an accounting system from MSAccess97 to a nice PHP interface that is interactive, with less code, and easier to use, taking it out of Visual Basic style to a web based PHP/HTML/javascript setup.

**ContentNext Contract Work as Developer**

*October 2011 – January 2012*

* Develop in PHP, SQL, Javascript, jQuery, Expression Engine, working with a small team of just two programmers including myself, until the company was purchased by GigaOm
* Maintain a site similar to NY Times, making it more accessible via the Expression Engine CMS for non-technical employees to submit articles, email users, and change pieces based on access levels
* Handle support tickets regarding journalists and editors posting articles, sometimes with their own HTML markup causing breaks in the site
* Wrote module for Expression Engine to assist users in searching articles by different filters, using PHP/SQL
* Wrote content aggregation for google analytics, mailchimp, twitter, facebook, feedburner, using PHP/javascript/jQuery, for better statistics reporting
* Sat in on meetings to give input on design and development practices
* Maintained an SQL relational database with millions of rows, watching logs, updating bugs, keeping version control in Subversion

**Bose Product and Technical Support Specialist II Full Time Work**

*October 2006 – September 2008*

* Troubleshooting products extensively with customers
* Setting up repair for and troubleshooting Aviation Products

**Full time work for Eastern Boarder Clothing,** Shirley, MA

*Summer 2004 – September 2008*

* Shipping and Receiving duties
* Maintain online storefront

**UNIX System Administrator, Lucent Technologies**, Westford, MA

*Summer 2000 – Fall 2001*

* Installed Solaris O/S on and assembled several UNIX-based workstations including Sun Microsystems Sparc and Ultra
* Created user accounts and configured UNIX workstations for New Hires
* Responsible for logging and responding to help requests received on internal UNIX hotline

**Part time work for Westford Schools Technology Dept.**, Westford, MA

*Winter 1999 – Fall 2001*

* Deployed network cable throughout newly renovated high school

**TOOLS USED: Software**

Git, SVN, TFS, Doctrine, jQuery, NodeJS, AngularJS, Smarty, Solaris O/S, Linux, Apache, All Windows Platforms, Coda, Navicat, XCode, Mac OS/X, Pro Tools, Logic Pro, SAP, Siebel, Visual Studio, Titanium Studio, Appgyver Steroids

**Hardware**

Sun Microsystems Sparc and Ultra workstations, Windows-based PCs, MacBook Pro, Mac Desktop Pro, Yamaha 02R, Trident 80, Alesis Studio32, RaspberryPi, Arduino

**Programming Languages/Libraries**

Swift, Javascript, jQuery, jQueryUI, AngularJS, NodeJS, PHP, SQL, CSS2/3, HTML4/5, DoctrinePHP, Zend Framework PHP, Twitter Bootstrap, C/C++, C#, .NET, MVC, Sass

**CMS**

Wordpress, ModX, Expression Engine, DirigoEdge

**REFERENCES:**

**Roberto Santiago**

Former CTO, Ticket Turtle

**Bradley Franssen**

Product and Technical Support Supervisor, Bose Corporation

**Denise Cote**

SAT Core Team, IBM

**Jamie Poitra**

Developer, GigaOm