

Thomas Tricarico

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Education

M.S. - Library & Information Studies

Florida State University, Tallahassee, FL - 2013

B.S. - Environmental Studies (Minors: Biology, Chemistry)

Florida State University, Tallahassee, FL - 2011

Certification

FEMA Emergency Management Training Courses IS-100, IS-200b, IS-700a

Eagle Scout, May 2003

Trained Systems Analyst (5+ years of experience)

Core Accomplishments

Web Development

- Spearheaded the implementation of a full Office 365 suite and SharePoint within a local City government consisting of over 1100 users/employees.
- Contact Liaison for website vendor and the City, assisting in lowering the implementation and conversion cost from Lotus Notes to Microsoft Exchange by 25%.
- Expertise in system maintenance and support, inclusive of Windows Server 2012 R2, WordPress.
- Routing testing and configuration of new web apps and upgrading the servers and network infrastructure.

Training & Development

- Updates job knowledge by participating in educational opportunities; reading professional publications maintaining personal networks; participating in professional organizations.
- Ensures operation by training client personnel; providing support, and conducting end-user training classes.

Analytical Management

- Implements computer system requirements by defining and analyzing system problems; designing and testing standards and solutions.
- Assist in Programs and Systems budget preparation and analysis, using past trends and project needs analysis to acquire appropriate funding, determine staff level and negotiate vendor acquisitions.
- Control solution by establishing specifications; coordinating production with programmers.

Application Proficiency

Programming: PHP, JavaScript, C#, Java, Python, NodeJS, C++

Web Development: HTML5, CSS3, JavaScript

Libraries/Frameworks: WordPress, jQuery, Android, OpenLayers, Leaflet, Django

Server Administration: SharePoint 2013, Office 365, Amazon AWS, Apache, IIS, PHP Server, MySQL Server, Windows Server 2008 R2 and 2012 R2

Operating Systems: Windows 7 + 8, Mac OSX, Ubuntu-type Linux, CentOS

Streaming Media: Vimeo API, Wowza Streaming Engine, Wirecast, Sonic Foundry Mediasite

Software: SharePoint, Office 365, Kentico, Adobe Creative Suite (PhotoShop, InDesign), Visual Studio 2013, Xcode

Website Creation List

http://wpbfl.us/	http://visualcens.us/
http://wpb.org/	http://imaplibraries.org/
http://wpb.org/mycitylibrary/	http://hermes.freac.fsu.edu/flimaplibraries/
http://hermes.freac.fsu.edu/flimaplibraries/	http://wpb.org/career/
http://54.243.207.123/work/ipmdat/	http://wpb.org/cityfun/
http://54.243.207.123/work/	http://wpb.org/4th-on-flagler/
http://54.243.207.123/work/imaplibraries_search/	http://wpb.org/waterfront/
http://54.243.207.123/work/imaplibraries_palmbeach/	http://wpb.org/procurement/
http://wpb.org/lake-pavilion/	http://wpb.org/greenmarket/
http://wpb.org/development/	http://54.243.207.123/work/imaplibraries_census/

Professional Experience

Systems Analyst / Web Developer

July 2013 -- Present

City of West Palm Beach – West Palm Beach, FL

- Provide technical expertise and recommendations in assessing new IT software projects and initiatives to support and enhance existing web-based systems.
- Make recommendations on custom applications which include a number of MS-Access data capture systems for new email and other databases which need to be moved into a central SQL repository.
- Investigate and resolve application functionality related issues and provide first level support and troubleshooting of Project Management Systems and Financial Accounting Systems.
- Migrate servers from old to new virtual servers.
- Record and stream live videos for the city using MediaSite Software.
- Assist in managing an outsource relationship for 3rd party application development and programming consultants.
- Troubleshoot technical issues and identify modifications needed in existing applications to meet changing user requirements.
- Built a custom CMS which allows cities to complete a short survey about their employment positions and then displays the information publically in a visual form. The display of survey data uses d3js, a framework designed to provide visually appealing web documents.

Website Developer [On-call]

May 2013 – Present

Florida Resources & Environmental Analysis Center – Tallahassee, FL

- Develop websites using OpenLayers, d3js, jQuery and Mootools. Add mapping functionality to queries which request location and demographic data about libraries and census blocks.
- Developed a web application allowing users to view census data in fine resolution over sections of map. Data is broken down between ethnicity, education, age, public assistance, etc.
- Built a WebGIS 'Dining Guide' for Miami to display the uses of OpenLayers.

Teaching Assistant

August 2011 – May 2013

Florida State University – Tallahassee, FL

and Program Development with Object Oriented Programming

- Teach new students, grading their assignments and course development for Web Development and Problem Solving with Object Oriented Programming Work with Product Managers to plan projects by researching and evaluating new technologies.
- Develop the website for the DigiTech, a showcase of student achievement, application processing and exhibit software.
- Instructed college-level students on the fundamentals of web development including HTML, CSS, JavaScript, jQuery, PHP, MySQL, and Unix commands.
- Mentor students on product testing methods by coaching them according to standard test methods.

Software Engineer & Server Administrator

October 2009 – August 2011

Florida State University – Tallahassee, FL

- Built a web application with PHP and MySQL and designed database schema for a live social game (Humans vs Zombies at FSU).
- Constructed an integrated blog and forum system with Facebook and Twitter connectivity.
- Led and controlled 400+ member organization on multiple events on school campus.
- Managed the organization's customized web application and executive team.