

**Brian K. Vagnini**  
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## SUMMARY

- Web Developer and Designer
- Technical Writer (technical documents and user manuals), Creative Writer, and Technical Trainer
- Graphic Designer, and Audio & Video Producer
- Project Manager and Business Analyst
- Critical knowledge of Banking, Broadcasting, Education, and Private Sector
- Systems Administrator

## TECHNICAL SKILLS

**Languages:** Python, PHP, HTML, CSS, JavaScript, Ruby

**Databases:** MySQL, Microsoft SQL 2005/2008, Access 2007, MongoDB

**Operating Systems:** Windows Server 2012 R2/2008 R2, Debian/Ubuntu Linux, Redhat/CentOS Linux, Mac OSX, HP-UX

**Design Tools:** Photoshop, InDesign, Illustrator, XD

**Audio/Video:** Ableton Live, FL Studio, Audacity, Premiere Pro, Open Shot Video Editor, After Effects, Blender

**Web Servers:** IIS 7.5, IIS 6 , NGinx, Apache (on OS X , Linux and Xampp) , SharePoint 2010

**Misc.:** Confluence, WordPress, Joomla, Flickr integration, Twitter integration, Facebook management, Google Ad integration, E-Commerce setup, Forum setup, IceCast MP3 Streaming Server

## EDUCATION

**Certifications:** Certified Scrum Master (CSM), CIW Web Design Specialist, CIW JavaScript Specialist, CIW Certified Instructor, I-Net+, Security +, Network +, A+, MCP+I, MCSA (2003), MCSE (NT4), MCT

**Certificate:** Defense Visual Information School - US Army (Multimedia Illustrator)

**Certificate:** Primary Leadership Development Course - US Army (Commandant's List- top 20%)

Graphic Design - Pensacola Junior College

**Professional Organizations:** Scrum Alliance (Member ID: 1088030), Tallahassee chapter of AIGA , CompTIA, and ASCAP

**Volunteering:** Code for Tallahassee, Former Coordinator of PythonTLH Meetup group

## Problems Solved

**Problem:** People need tools to help them to organize and shop for meal ingredients.

**Solutions:** Created a Python GUI app called Feeeedme - a Meal planning app that is run from the desktop (cross platform). Created a Flask version of Wut2Eat (fka Feeeedme) - [wut2eat.com](http://wut2eat.com) - A meal planning webapp in the POC stage. [https://github.com/bkvagnini/feeeedme\\_py](https://github.com/bkvagnini/feeeedme_py)

**Problem:** People need tools to help them not overspend their budget.

**Solution:** Created a JavaScript version of TRIM (fka MeMoney) - [therestismine.com](http://therestismine.com) - Helping you manage your money (in the POC stage).

**Problem:** Websites need redesigning.

**Solutions:** Customer Portal website (Ruby on Rails), to match the business website. Redesign of the LCSO External Website (SiteFinity CMS and hand coded HTML/CSS / JavaScript) to make it modern and responsive (CMS solution requested by IT director). Assisted the WFSU Web Designer in updating the website (Flash, HTML, PHP) when she was out of the country. Redesigned Computer Tutors company website twice, to ensure accuracy between online class agendas and faxed/mailed class agendas, in addition to making it Section 508 compliant. Designed a process for uploading files generated from MS Office, to the Fantasy Baseball League website, with an Bash script to unzip the archived files automatically.

**Problem:** Florida Comprehensive Assessment Test (FCAT) requires third party quality control.

**Solution:** Worked with a team to verify accuracy of the Testing process (Ruby, Python, Objective-C, Git), given the same requirements as the vendor, from Florida Department of Education.

**Problem:** Website needs an HTML5 Music player.

**Solution:** Created a Customized Music player (PHP, HTML, JSON), that didn't require any third party browser plugins.

**Problem:** Documentation needs to be updated constantly, while avoiding the issue of having duplicate (and out-of-date) documents.

**Solution:** Created Web based documentation of processes (HTML5, CSS).

**Problem:** Users need a SQL Database backend to record information in, and a variety of front ends to accept the user input.

**Solutions:** Event Registration form (PHP, CSV file) for IAL website.

[https://github.com/bkvagnini/IAL\\_Event\\_Registration](https://github.com/bkvagnini/IAL_Event_Registration) Developed an online event registration page (PHP, SQL Server 2008, Excel). [https://github.com/bkvagnini/FCRR\\_Event\\_Registration](https://github.com/bkvagnini/FCRR_Event_Registration) Created an Access/SQL Server application for the Florida Channel.

[https://github.com/bkvagnini/Fl\\_Chan\\_video\\_dub\\_db](https://github.com/bkvagnini/Fl_Chan_video_dub_db)

Created a CD Inventory Database (PHP, MySQL) for WFSU-TV/FM users to catalog new CDs.

[https://github.com/bkvagnini/FM\\_Library](https://github.com/bkvagnini/FM_Library) Created an inventory database (PHP, MySQL) for the Radio Museum at WFSU-TV/FM. <https://github.com/bkvagnini/radiomuseum>

**Problem:** People need to learn the basics of Web Design and/or Graphic Design for their jobs.

**Solutions:** Taught all three levels of HTML, as well as revitalizing the graphic design applications classes, such as Photoshop, PageMaker, InDesign, Illustrator, and QuarkXPRESS. Taught CSS3. Revised the curriculum to reflect modern standards of Section 508 Web Accessibility and usage of modern techniques, such as using CSS for styling. Wrote the booklet for an Introduction to Scanning Course. Designed a webmaster certification track to include a web server administration course, incorporating both IIS and Apache on Windows and Linux server systems.

## Employers

6gen3, Tallahassee, FL	Aug 2019 - Present
Reliant Solutions, Tallahassee, FL	Feb 2018 - Mar 2020
Leon County Sheriff's Office, Tallahassee, FL	Jan 2017 - Feb 2018
Florida State University, Tallahassee, FL	Apr 2008 - Jun 2016
Northwest Regional Data Center	
Center for Advancement of Learning & Assessment	
Florida Center for Reading Research	
WFSU-TV/FM	
Computer Tutors USA , Tallahassee, FL	Apr 2004 – Feb 2008
G&L Internet Bank, Pensacola, FL	Apr 2001 - Nov 2001
Technical Software Services, Pensacola, FL	Dec 1999 - Apr 2001
New Horizons Computer Learning Center, Pensacola, FL	May 1998 - Dec 1999
Express Print International, Inc., Pensacola, FL	Dec 1995 - May 1998