

**Brian K. Vagnini**  
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<https://github.com/bkvagnini>

### Technologies Used

**Front End:** XHTML/HTML5, CSS, JavaScript, Bootstrap, Markdown

**Back End:** some PHP, some Python, some Ruby, some Objective-C

**Database:** MS SQL Server, MySQL

**Misc.:** Git, Nginx, Apache, IIS, Jekyll, Photoshop, Illustrator

### Certifications

**CIW:** Web Design Specialist, JavaScript Specialist

**CompTIA:** I-Net+, Security +

**Microsoft:** MCP+I

### Courses taken

#### Lynda.com classes

Fundamentals of Software Version Control (3 hours) (5/20/13)

Git Essential Training (6.5 hrs) (9/8/13)

Up and Running with Bootstrap 2 (2.5 hrs) (9/10/13)

Bootstrap 2: Adding Interactivity (1.5 hrs) (9/13/13)

Bootstrap 3: New Features and Migration (0.75 hrs) (9/13/13)

Working with Data on the Web (2.5 hrs) (10/3/13)

JavaScript and JSON (1.25 hrs) (11/21/13)

Objective-C Essentials (6 hrs) (Taking Now)

Foundations of Programming: Fundamentals (using JavaScript) (5 hrs) (Taking Soon)

Foundations of Programming: Object-Oriented Design (3 hrs) (Taking Soon)

#### Computer Tutors, USA - Instructor-Led classes

MOC 2779 Implementing a Microsoft SQL Server 2005 database (30 hours) (5/7/07)

MOC 2780 Maintaining a Microsoft SQL Server 2005 Database (30 hours) (5/9/07)

MOC 2071 Querying Microsoft SQL Server 2000 with Transact SQL (12 hours) (6/4/07)

MOC 2559 Introduction to Visual Basic .NET Programming (30 hours) (3/5/07)

Hacking & Countermeasures (18 hours) (9/29/06)

Dreamweaver (24 hours) (4/8/05)

Cascading Style Sheets (6 hours) (8/31/05)

Web Server Administration (IIS and Apache) (30 hours) *(developed and taught the week-long course)*

HTML (3 levels) (30 hours) *(revised the curriculum and taught the courses)*

PHP/MySQL (12 hours) - JavaScript (12 hours) - Perl (6 hours) - Website Accessibility (Section 508) (6 hours) *(taught these courses)*

*Brian K Vagnini - Programming CV (continued)*

**Projects**

*Project:* Quality Control Analysis of Statewide Assessment Project (FCAT) (3/14 to Present)

*Client:* FL Dept. of Education

*Technology used:* Ruby, Python, Objective-C

*Project:* Yums (a self-hosted form of Delicious) (Planning Stages)

*Client:* Myself

*Technology used:* JavaScript/ HTML form front-end /JSON back-end

*Project:* Intranet birthday/employee info site (9/13)

*Client:* CALA

*Technology used:* HTML form front-end /XML

*Project:* Event Registration page (7/19/12 to 8/22/12)

*Client:* Florida Center for Reading Research (Florida State University)

*Technology used:* PHP /HTML form front-end/ MS SQL Server back-end/ MS Excel for the reports

*Project:* Video Dubbing Database (1/19/10 to 6/24/10)

*Client:* The Florida Channel (part of WFSU-TV/FM, Florida State University)

*Technology used:* Access Front-end/ MS SQL Server back-end (SQL Server installed on a VMWare VM)

*Project:* Music Library Inventory Database (around 6/9/10)

*Client:* WFSU-TV/FM (Florida State University)

*Technology used:* PHP /HTML form front-end/ MySQL Server back-end

*Project:* Museum Gallery Inventory Database (9/25/09 to 1/20/10)

*Client:* WFSU-TV/FM (Florida State University)

*Technology used:* PHP /HTML form front-end/ MySQL Server back-end

*Project:* MeMoney Calculator (found at <http://vagnini.net/tools/m-balances.htm>)

*Client:* Myself

*Technology used:* JavaScript /HTML form front-end

*Project:* Online PDF menu uploading system (3/18/08 to 7/6/08)

*Client:* Paradigm Restaurant and Bar

*Technology used:* PHP /HTML form