

# *M. Walter Wimberly, III*

## *Software Skills*

### **Programming Languages**

- Visual Basic
- ASP
- Java
- SQL
- PHP
- XML
- VBA/VBS
- ActionScript

### **Internet / New Media**

- FrontPage
- Dreamweaver
- Director
- Cosmo Worlds
- Flash
- XHTML/HTML

### **Applications Software**

- Photoshop
- Microsoft Office (Word, Excel, Access, PowerPoint)
- Lightwave 3D
- Fireworks
- MySQL

## *Certifications*

### **Certified Internet Webmaster - Professional**

- Foundations
- Site Designer
- Certified Instructor

### **Train the Trainer**

### **Freelance Consultant – WaltDesign**

(<http://www.waltdesign.com>)

1995-Present

## *Experience*

- Website design and development:
  - Constructed both initial design and redesign of various web sites.
  - Implemented an e-commerce site using ASP. Generates approximately 70% of Showcases To Go's income. <http://www.showcasetogo.com>
  - Devised usability testing and implemented current practices within websites.
  - Developed PHP and MySQL based websites for numerous clients.
- Stand-alone kiosk animated display that was displayed inside EPCOT.
- Application programming:
  - Application for selecting/creating e-mail addresses based upon user criteria.
  - Application for playing audio files for stage shows.
  - Programmed a coin-operated children's drawing game that allowed the player to draw freeform designs and use preset graphics to create pictures.
- Database programming:
  - Developed a grade management system for college instructors.
  - Jewelry information database: included ability to print barcode information for retail outlets.
  - Order tracking database for display case manufacturer.
  - Show and order tracking for a home-show sales company.

### **International Academy of Design and Technology**

Instructor

2001 – Present

- Taught classes as part of the Networking (Protocols, Access, Visual Basic, C/C++), Web Design and Development (Database Development, Director, Advanced Director, Flash, Design Fundamentals) programs.
- Designed and maintained four intranet websites.
- Developed promotional CD-ROMs for different degree programs.
- Designed two new A.S. degree programs (Network and System Administration), which nearly doubled the enrollment for the Computer Networking Department.
- Advised individual students on academic and career decisions.
- Interviewed potential instructors evaluating them based upon technical and teaching merit.
- Served as the faculty liaison for the Multimedia Advisory Committee degree program, which is responsible for reviewing the curriculum for the new Multimedia Bachelor's program.
- Designed the new Multimedia Bachelor's degree program.

- Helped redesign the Web Design A.S. and Web Development B.F.A. degrees to realign it with current industry trends.
- Acted as liaison between staff, adjuncts, and students to ensure the best learning environment for students.
- Worked as an individual tutor for the tutoring center to assist students who were in need of additional help with their course work.
- Mentored new instructor's hired by the school.

### **DeVry University**

Adjunct Professor  
2004 – Present

- Taught classes using Java. Included topics were JDBC, Exception Handling, and Networking
- Taught class on System Analysis and Design methods.

### **Southern College**

Department Head – Computer Programming Department  
2000-2001

- Taught two or more programming classes per quarter.
- Responsible for redesigning and updating school website, including placing the school catalog entirely on-line.
- Oversaw a staff of two full-time personnel, three work-studies, and various adjunct instructors.
- Responsible for updating and maintaining curriculum to keep current with the industry.
- Developed a complete on-line version of the school's student catalog.
- Helped develop two certificate programs (Helpdesk and Web Design).
- Advised students working on career decisions and independent studies.

### **Institute for Simulation and Training**

Researcher  
1998 – 2000

- Worked as project leader to create new environments in RAVEN for multiple modules (distance learning application).
- Responsible for 3D modeling, animation, and programming of VRML worlds (real-time 3D Internet deliverable language).
- MultiGen modeler for a real-time application developed for NASA. Served as chief modeler for project, delegating tasks as necessary, overseeing two other modelers working on the project.
- Java programmer for front end to an IBM DB2 database.

## ***Memberships***

**UPE (Upsilon Pi Epsilon) - International Honor Society for Computing Sciences**

## ***Education***

### **Nova Southeastern University**

Masters of Science, Computer Information Systems  
Graduation: June 2004 Graduated Magna Cum Laud

### **University of Central Florida**

Bachelor of Science, Computer Science  
Graduated: Summer 1998