

# Daniel F. DeBlasio

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## Education

**University of Central Florida** - College of Engineering and Computer Science  
Orlando, FL

- Prospective Computer Science
- Expected Graduation – Spring 2007

2003-present

## Software Skills

### Programming Language Exposure

**Proficient:** Java, C/C++, Basic, Assembly, PHP, XHTML, MySQL, JavaScript

**Server Applications:** Apache, PHP, MySQL, RealVNC, FilezillaServer, Tetrinet

**General Applications:** Microsoft Office (Word, Excel, Power Point, Access, Outlook), Macromedia DreamWeaver, Adobe Acrobat, Open Office, iWork (Pages, Keynote)

**Operating Systems:** Windows (95, 98, 2000, XP, 2003), Linux (Mandrake 9, 10), Fedora Core, Ubuntu Family, FreeBSD, Mac OS X (Tiger, 10.4), MS-DOS

**Hardware:** LAN/WLAN construction, fixing/replacing broken software/hardware, (re)installing drivers and operating systems, Wireless network installation and setup.

## Projects

### Address Book Program

Developed in **Java** using TextPad and Javac. A gui-based program that enabled the user to open saved address books, insert, delete, search, and save back to a file. Could query from any field, with wildcard characters.

### Text Based Mail Client

Developed in **C** using TextPad and GCC. This text-based program was able to connect to an STMP server, setup, and send and e-mail using basic protocols.

### Golf Game Simulation

Developed in **C++** using SubEthaEdit and G++. This is a text based program that took in information about simulated players and a fictional golf course and played out one possible scenario of the outcome. Was developed using the pair programming model, and specific development model. The whole process was directed and planed using the IEEE Standard 830 on Software Requirements Specification and the Object Oriented Development Model.

### Image Manipulation and Object Detection Classes

Developed in **Java** using SubEthaEdit and Javac. Created basic image input and output as well as generic image manipulation algorithms given in C. Modeled a paper from the IEEE 2005 Computer Vision Conference. (Software now owned by the University of Central Florida)

### Red Cross of Central Florida Store Portal

Developed in **PHP** and **JavaScript** using Scite. Condensed an exiting store to one page using AJAX enabled JavaScript. This Included equipment rentals, class scheduling, donations and store items. Used Verisign for credit card payment and other small features. (Software now owned by cloudspace.com)

### YayItsDan.com

Currently developed in **PHP**. This site is one I use mostly for experimentation and personal reference. Features include a user management system, and user posted content.

## Relevant Work Experience

**Teaching Assistant**, University of Central Florida  
Orlando, FL

Fall 2004

- Assisting students to learn the C programming language
- Assist in technical problems associated with the course
- Grade and debug assignments

**Developer**, cloudspace  
Orlando, FL

Aug 2005-present

- Maintaining live web sites and applications using PHP
- Creating and maintaining dynamic forms using JavaScript
- Develop new applications in PHP using XHTML and MySQL

**Undergraduate Researcher**, University of Central Florida  
Orlando, FL

Summer 2006

- Working in the Vision Lab in the Computer Science Department
- Under a grant from the National Science Foundation under the Research for Education for Undergraduates program

## Qualifications

**Technology Assistant**, Eau Gallie High School

2001-2003

Worked under the network administrator to troubleshoot all problems within the school on both network and personal computer issues including:

- Exchange Server Issues
- Network and local printer issues
- Win 95/98/2000 Basic: network and hardware issues