

Daniel F. DeBlasio

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Education

University of Central Florida - College of Engineering and Computer Science 2003-present
Orlando, FL

- Computer Science, B.S.
- Anticipated Graduation – Summer 2007

Software Skills

Programming Language Exposure: Java, C/C++, Basic, Assembly, PHP, ASP, XHTML, MySQL, JavaScript

Server Applications: Apache, PHP, MySQL, VNC, (S)FTP, SSH

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

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, minor server administration on both remote and local machines.

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 & Billiard Game Simulations

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 and Kate. 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, Inc.)

YayItsDan.com

Currently developed in **PHP** and **MySQL**. This site is one I use mostly for experimentation and personal reference. Features include a user management system, and user posted content, also includes some personally design content management features..

Relevant Work Experience

Teaching Assistant, University of Central Florida Fall 2004
Orlando, FL

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

Developer, cloudspace Aug 2005-present
Orlando, FL

- Maintaining live web sites and applications using PHP
- Maintenance of in-house content management systems.
- Develop new applications in PHP and JavaScript (AJAX/DOM) using XHTML and MySQL
- Some server administration duties
- Customer relations

Undergraduate Researcher, University of Central Florida Summer 2006
Orlando, FL

- 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

Student Assistant to the Technology Coordinator, Eau Gallie High School 2001-2003

Worked under the technology coordinator (network administrator) to troubleshoot all problems within the school on both network and personal computer issues.