

Dan Barlow

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Skills

Training

Microsoft Office 2007 [Word, Excel, PowerPoint, Access], SQL Server, Vista & XP Support, Visual Basic
Adobe Creative Suite 3/4 [Photoshop Basic and Advanced, Photoshop for the Web, Printing, Retouching]
Introduction to Electronics

Development

PHP, MySQL, HTML, XML, jQuery, Perl, Delphi, VB, Graphics, UNIX Virtual Host, TCP/IP,
Router/Switch, Data and Computing Infrastructure, SVN Client, Microcontrollers, Lasers, electronic design

Experience

Information Specialist Computer Consultants Corp., Washington DC <http://www.cccsolutions.com/>

October 2007 – present

Perform MySQL Architecture and Design, UNIX configuration, development in PHP, HTML, Javascript, AJAX, Magento, jQuery.

Conduct training in Microsoft Desktop, OS and Applications Support, Photoshop, and Office Suite (Word, Excel, Access, PowerPoint, VBA).

Designed Online Scholarship application and notification system with referral portal.

Designed Member Relationship Manager with modules for Training, Inventory, Conferences, Committees and Certification.

Performed Template and Macro maintenance for standardization of documents across a multi-national law firm.

Engineered internal ERP and Sales systems.

Video Engineer Bono Film & Video Inc., Arlington, VA

November 2005 - May 2007

Designed and assembled electronic and mechanical devices in support of the Archival Cleaning and Restoration workflow.

Created and managed workflow databases in MySQL and PHP.

Repaired and calibrated current and vintage audiovisual apparatus including Sony Digibeta and Ampex Quad videotape machines.

Configured archival handling workstations and laboratory spaces.

Cleaned and restored unique archival film elements.

Programmer Solved, Inc., Alexandria, VA

2005

Managed Point of Sale software and hardware using FileMaker Pro 7 and wrote embedded print driver.

Designed Web presence.

Installed automated AudioVisual system with X10 interface.

Programmer Tax Analysts, Inc., Arlington, VA September 2000 - November 2003

Wrote document workflows combining several document management systems using Perl, Delphi, Visual Basic, Crystal Reports, SQL Server, ASP, Lotus Notes and Domino, MS Word, and Power Point.

Coordinated outside expertise, copy protection and security for the launch of our first DVD product.

Delphi Developer Data Consultants, Inc., Manassas, VA

September 1997-April 2000

Developed Delphi wholesaler business application.

Lead programmer on Electronic Data Interchange module.

Wrote XML handlers, including Invoice, Purchase Order, Remittance Advice, and began Promotion Announcement.

Wrote Crystal Reports and data extraction utilities.

**Configuration and Repair Services and Consultant American PC, Inc., Chantilly, VA,
August 1996-June 1997**

Designed a security clearance tracking database in MS Access for the White House Military Office.
Managed workstations, networks and servers; maintained the Novell network and dial-in server; Designed HTML and graphics.

**Software Development Specialist Industrial Training Corp., Inc., Herndon, VA
January 1996-July 1996**

Managed quality control on a project to convert Microsoft Office computer-controlled laserdisc training material to MPEG I CD-ROM format.

Trained and coordinated a team of contractors who performed regression testing with the outside C programmers.
Coordinated media production and rollout logistics.

Qualified new MPEG hardware and tested streaming multimedia technologies.

**Software Development Specialist for FEMA Kevrik & Co., Inc., Bethesda, MD
December 1995-January 1996**

Designed GUI and reporting tool using Visual Basic and Oracle.

Coordinated development for C and Database code.

Developed and performed QC/IA methods.

**Systems Support and Engineering NuMedia Corp., Alexandria, VA and spin-off VTV Inc., New Carrollton,
MD**

April 1993-August 1995

Supported cable TV digital infrastructure.

Diagnosed hardware failures and performed repair and calibration procedures.

Moved up to helping with new product development including satellite WAN router, T1 line terminations and communications servers.

Tuned satellite receivers and demodulators, installed uplink and downlink sites.

Moved to VTV, a project spin-off.

Managed technology deployment of MPEG II video servers for CNN Airport Network at Dulles and Reagan National Airports.

Created content using the FAST video editor, Microsoft PowerPoint and the POV-Ray rendering program.

Performed Broadcast and WAN Engineering and developed Visual Basic applications for airtime scheduling and equipment control.

Customer Service Technician for Era 2000 Inc., Rosslyn, VA

July 1990-January 1993

Factory authorized assembly and repair of PC compatible computers, laptops, and printers.

Field service, repair, and network management.

Education

Learned to teach Microsoft Office 2007 and Photoshop CS3/4 at Computer Consultants.

Learned Archival Restoration at Bono Film.

Learned Perl at Tax Analysts.

Learned Delphi at Data Consultants.

Learned CorelDraw, standard Windows applications, and Novell networks at Era 2000.

Hampden-Sydney College, Hampden-Sydney, VA Bachelor of Science, Physics, 1986-1990

Patrick Henry High School, Emory, VA Graduated 1986

Emory and Henry College, Summer Introduction to Computers: BASIC, 1982