

## **Dan Barlow**

2905 25<sup>th</sup> ST NE  
Washington DC 20018  
dan.r.barlow@gmail.com  
571.213.8420

**I am seeking a hands-on technical position where I can apply my creative problem-solving skills.**

## **Experience**

### **Information Specialist: Computer Consultants Corp., Washington DC**

<http://www.cccsolutions.com/>

#### **October 2007 – present**

Instruct CCC clients in Microsoft Office and related technologies (VBA, Photoshop, SQL Server, DST prep). Execute software development projects either as project lead or team member including Server configuration (CENTOS), MySQL database design and management, PHP and HTML coding, AJAX, and other tools as needed.

Projects include:

- Online Scholarship application and notification system with referral portal
- Member Relationship Manager with modules for Training, Inventory, Conferences, Committees and Certification
- Template and Macro maintenance for standardization of documents across a multi-national law firm
- Internal workflow support system maintenance and improvement

### **Video Engineer: Bono Film & Video Inc., Arlington, VA**

#### **November 2005 - May 2007**

Execute defined workflows for archival material, visiting libraries, and customer media including tracking, archival cleaning and repair, acid detection, and coordination with colorist.

Additional duties: Restore and maintain current and vintage audiovisual equipment; configure laboratories and other workspaces; create and manage databases using MySQL and PHP; design and assemble electronic and mechanical devices.

### **Programmer and general duties: Solved, Inc., Alexandria, VA**

#### **2005**

Maintained and upgraded Point of Sale software and hardware using FileMaker Pro 7 and embedded printer language.

Photographed and created Web presentation in HTML and CSS for current products.

Installed X10 controls for lighting. Installed sound system.

### **Programmer: Tax Analysts, Inc., Arlington, VA**

#### **September 2000 - November 2003**

Wrote utilities to correct problems and improve document workflows among several document management systems.

Used Active State Perl for Windows, Delphi, Visual Basic, Crystal Reports, SQL Server, ASP, Lotus Notes, Domino, Access, Word, PowerPoint.

Participated in the launch of our first DVD product: Coordinated outside compatibility and performance testing and did research into copy protection and security.

### **Delphi Developer for Data Consultants, Inc., Manassas, VA**

#### **September 1997-April 2000**

Wrote Delphi extensions to DCI's "RouteMan" beer wholesaler business application.

Lead programmer on Electronic Data Interchange module.

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

Wrote custom Crystal Reports and data extraction utilities to customer specification.

### **Configuration and Repair Services and Consultant for American PC, Inc., Chantilly, VA,**

#### **August 1996-June 1997**

Installed MS Windows 2000 and Office at the White House Military Office.

Wrote a security clearance tracking database in MS Access.

Assembled computers, installed software, performed on-site repair and installation including networks and servers, and performed warranty repairs; maintained the in-house Novell network and dial-in server and assisted in creating HTML web pages and graphics for American PC Internet services.

**Software Development Specialist for 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.

Coordinated a team of temps who performed regression testing with the outside C programmers.

Coordinated disc pressing through 3M.

Worked with the Hardware Development team to approve new MPEG players and test streaming multimedia.

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

This was a contract position. Further developed an existing Visual Basic front end for an Access/Oracle database.

Interfaced to a custom map drawing DLL, an Access testing database, an Oracle database, and legacy Visual Basic code modules.

Brought the user interface closer to Windows standards, and added the ability to produce various reports from the database.

Coordinated changes to the custom DLL with one of Kevrik's C programmers.

Tracked and implemented application change orders from FEMA as they evaluated our changes.

**Computer Systems Management for NuMedia Corp., Alexandria, VA and its spin-off VTV Inc., New Carrollton, MD  
April 1993-August 1995**

Supported 250 sites of a proprietary media server for cable TV. Diagnosed hardware failures over the phone and walked the customer through recovery procedures. Performed basic repair and calibration procedures on the media processor, including tuning the video output to broadcast standards with a vectorscope and waveform monitor.

Moved up to helping with new product development. Helped debug a satellite subcarrier WAN router, installed T1 line terminations and communications servers, tuned satellite receivers and demodulators, helped install uplink and downlink sites, and generally made things work. Installed multiple sites of the new Digital Studio products. Conducted demo support for a sale of DTV technology to IBM Tokyo.

Moved to VTV, a project spin-off.

Managed the technical aspects of the rollout, including deployment of video servers to 5 hotels in downtown Washington DC, assembly of the Digital Studios and FAST Video Editing Station, digitization of content, and creation of utility programs for content production.

Helped with content production using the FAST video editor, as well as Microsoft PowerPoint and the POV-Ray rendering program to make animations and still frame backgrounds. Edited server-schedules and scripts.

Coordinated development of MPEG II capabilities and installed video servers at Dulles and Reagan National Airports for the CNN Airport Network.

Installed six sites of Sports Info-Net live FM-subcarrier delivery sports score bulletin board.

Maintained internal local and wide area networks, including satellite sub-carrier WAN and FM subcarrier delivery.

Developed Visual Basic programs for equipment control and video production.

**Customer Service Technician for Era 2000 Inc., Rosslyn, VA  
July 1990-January 1993**

Assembled and repaired IBM compatible computers, laptops, and printers; managed warranty claims; and performed field service and network management.

Attended several Microsoft seminars as Windows 3.0 and 3.11 developed. Learned CorelDraw and most of the standard Windows applications here. Also learned how to create Novell networks.

## **Education**

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

**Patrick Henry High School, Emory, VA**  
Graduated 1986