

# Robert Wright

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## **OBJECTIVE**

Permanent position doing remote development or computer support.

## **SKILLS**

Full stack site developer and systems admin. Quick learner and auto didact. Design and code. Familiar with HTML, CSS, JavaScript, PHP, and mySQL code; Experience with jQuery, Bootstrap, and other frameworks and libraries; Apache htaccess; Amazon Web Services AWS, Lightsail (AWS cloud), Bitnami LAMP stack virtual server, Ubuntu Linux, Apache, mySQL, PHP services install, configure, and admin; understand responsive web design; DNS services; LetsEncrypt SSL certificate install; Notepad++ text editor, PuTTY, Filezilla, phpmyadmin, and custom tools; familiar with Windows 10 OS; desktop computer hardware; Adobe Photoshop CC, Adobe Premiere Pro, WMC Recorder, and Audacity; Published author. Technical writer. Excellent draftsmanship, illustration, and technical writing abilities; Designed and wrote registered Facebook Applications. Formerly Microsoft Certified Trainer (MCT) for NT 4.0 core, security, and TCP/IP courses. Excellent presentation, narration, and demonstration skills including acting experience in videotape training films.

## **WORK EXPERIENCE**

**Present.** Conceived, designed, and coded <https://syntheticreality.net> which is an application website in the AWS cloud. In addition to the website design and code, installed configured and administer the virtual Ubuntu 18 LAMP stack server including the DNS and SSL Certifications for the domain. Generated and tested backup snapshots of the site. Use PuTTY, Filezilla, and PHPmyAdmin for site admin and management.

One application is a registered Facebook application which is a Content Management System that generates and hosts web comics from user provided content, *i.e.* it is a comic book builder. It is coded in HTML5, CSS3, PHP, mySQL, and Javascript and leverages concepts like AJAX and PHP Classes for database handlers, it employs a database SESSION handler, and uses the Bootstrap framework and the Facebook OG API. The site folder and file structure provide good security for its content. The builder code passes WebAIM testing for WCAG compliance, the site comics gallery is compliant, and the comics the builder generates pass the WCAG evaluation as well. The builder and the resulting comics employ responsive web design and work well on various devices. The builder also generates a ZIP archive of the comic for the user to download. While the builder and hosting gallery use the mySQL database and PHP software, the generated comics are only HTML, CSS, and Javascript so they will run on most any device, USB thumb drives for example. Notepad++ text editor, Adobe Photoshop CC, Adobe Premiere Pro, WMC Recorder, and Audacity were used in creating all the site content.

Besides creating comics the builder can generate more generic content, for example it made its own user manual here at <https://syntheticreality.net/Comics/StorybookStepByStep.html>

The site code follows good design standards and is also self documenting for ease of maintenance. A repository of the code for this application can be seen at

<https://github.com/Bob-Wright/Storybook-Accessible-Content-Management-System>

**2/2000-6/2002, Centers for Disease Control and Prevention, Atlanta, GA.** Computer Specialist GS-0334/13 Step 1 to GS-0334/13 Step 3, \$72.4K base, 40hr/wk. I became 100% disabled effective 6/2002 per SSA and had to take disability retirement from this position. Windows NT administrator for 30+ NT 4.0 & Windows 2000 servers running SQL Server 6.5, 7.0 & 2000, Internet Information Server 4.0 & 5.0, SQL Anywhere, and custom MISB applications. Received cash Service Award for designing method and writing program to prevent Windows 2000, NT, and 95 from running script viruses to prevent spread of Love Bug virus within CDC. My suggestion for the use and management of antivirus software on both desktops and servers was adapted as CDC wide standard.

**12/1995-2/2000, Veterans Administration, Atlanta VA Medical Center (VAMC-Atlanta), Atlanta, GA.**  
Computer Specialist GS-0334/11 Step 1 to GS-0334/12 Step 3. \$51.5K base, 40hr/wk.

Administrator for a hospital LAN with 30 NT servers and 1800 networked desktop PC's with 2000+ users.

**12/1975 - 11/1995:** Employee or consultant for Marconi Avionics, Inc.; Colonial Pipeline Company, Atlanta, GA; Sperry Support Services, Inc., Huntsville, AL; Actech, Inc., CBIS, Inc., Warren Associates, Eastern Airlines, Vertex Electronics, Inc., and Intelligent Data Entry Systems, Inc. (IDES), Atlanta, GA.

## **EDUCATION**

Georgia Institute of Technology, Atlanta, GA. 9/1967-3/1978, credit for 200+ quarter hrs; Electronics Engineering major, left as Senior in good academic standing. Completed electives include: EE3032-3, ComputerEngineering I&II; EE3035,Intro to Digital Systems Design; EE4076, Special Purpose Digital Systems Design; and EE4085, Microprocessor Based Design.

Southern Technical Institute, Marietta, GA. 1/7194-9/1974, 36 quarter hrs completed; Electronics Engineering Technology major. Earned a 4.0 GPA with 16 hours of course load.

Columbus College, Columbus, GA. 9/1970-4/1972, 163 quarter hrs completed; English major. Sixty-eight quarter hours of credit in liberal arts with a B average. Two quarters of symbolic logic. Three quarters mechanical drawing. Co-editor, college magazine. Student government representative.

Baker High School, Columbus, GA Graduated June 1965. State Science Fair, Physics, First Place winner; Honorary Page, GA General Assembly; Honor student banquet attendee.

## **PUBLICATIONS AND LICENSES**

Articles purchased by Computer Shopper, Interface Age, and Radio-Electronics magazines.

Granted Special Developmental License by the Federal Communications Commission for a microwave communications device for use in wireless computer LANS. Built and successfully tested several devices under this license.

## **MILITARY SERVICE**

US Navy Reserve. Active duty, 6/1968-5/1970; Vietnam era veteran. Electronics technician (NEC1528/microwaves) Base microwave maintenance petty officer for the NAVCOMMSTA/SFRAN communications station microwave installation. Secret clearance. ET 'A' Accelerated and 'C' Schools. US citizen.