

# Matthew D. Fuller

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<http://www.over-yonder.net/~fullermd/>

## - Objective

To work in an environment where I can use the skills I have to their fullest, while expanding my skillset, and to use the networks, systems, and applications available to best solve the problems at hand. To be able to have a direct and visible influence on moving a company forward, and to be able to improve myself and those around me while doing so.

## - Work history

### 1- Independant Consultant

**Address:**

Madison, MS 39211

601-853-3524

**Employment period:**

2002/04 - Present

**Responsibilities:**

Custom programming, primarily web-based. Unix (FreeBSD, Linux, various) systems administration. Network design, setup, and administration. Other misc IT-related work.

### 2- Futuresouth Communications, Inc. / Graham Media Internet, Inc. (Now part of Xfone USA)

**Address:**

Clarksdale, MS 38614

**Employment period:**

2001/03 - 2002/03

1997/03 - 1999/12

**Responsibilities:**

Unix (primarily FreeBSD) systems and IP network administration, including software installation and design, management of dialup terminal services, management of inter- and intra-net routing and switching, telco provision issues.

Maintained services for analog dialup, ISDN, Frame Relay, and T1 customers. Managed Ethernet LAN. Handled network capacity monitoring, planning, and implementation.

### **3- Linklabs Hosting, Inc. (now defunct)**

**Address:**

Cullman, AL 35055

**Employment period:**

2000/08 - 2001/03

**Responsibilities:**

Unix (FreeBSD) systems and IP network administration. Designed and implemented web and mail hosting services for domain-hosting clients. Adapted and built software packages to fulfill requirements. Handled technical-side management.

### **4- Linkfast Internet Services, Linkfast Inc. (now part of AlaNu Internet)**

**Address:**

Cullman, AL 35055

**Employment period:**

2000/01 - 2000/08

**Responsibilities:**

Unix (FreeBSD and Linux) systems and IP network administration, including software installation and design, management of dialup terminal services, management of inter- and intra-net routing and switching, telco provision issues.

Maintained services for analog dialup, ISDN, Frame Relay, and T1 customers. Managed Ethernet LAN. Handled network capacity monitoring, planning, and implementation.

Assisted in logistics of transfer of customers and services to new owners upon sale of company.

## **- Information Technology experience**

### **- Systems and Network Administration**

- \* 12 years experience with administration of Unix-like operating systems, with a primary emphasis on FreeBSD (<http://www.freebsd.org/>). All aspects, including system specification, design, and installation; ongoing tasks such as upgrading core operating system and installed packages; handling backups and emergency preparation; exceptional duties such as transitions of live production servers; and emergency functions such as disaster recovery.
- \* 7 years experience specifying, designing, implementing, maintaining, and upgrading TCP/IP networks, both physical and logical aspects, utilizing Ethernet LAN's and various WAN mediums, including analog modem, ISDN, Frame Relay, DS1, DS3, and others.
- \* 12 years experience implementing and maintaining network services on Unix machines, such as HTTP, NNTP, SMTP, POP, FTP, NFS, SNMP, and others.
- \* 5 years experience specifying, installing, and maintaining dedicated network appliances, such as routers, switches, and remote access servers. Experience with Cisco (<http://www.cisco.com/>), Hewlett-Packard (<http://www.hp.com/>), Lucent (<http://www.lucent.com/>), Ascend and Livingston (now part of Lucent), and others.

## - Programming

- \* 12 years of diverse experience with software engineering and programming, with a focus on C programming in the Unix environment, and on web-based apps primarily in PHP.
- \* 12 years experience with scripting in support of systems and network management, using languages such as perl and Bourne shell.
- \* 10 years experience with relational database (SQL) utilization in support of existing and custom programs for data storage and analysis, with particular emphasis on PostgreSQL (<http://www.postgresql.org/>) and MySQL (<http://www.mysql.com/>).
- \* Experience with various development tools and environments, such as make, RCS, CVS, and Bazaar, and debugging tools such as gdb and ktrace.
- \* Experience using documentation tools and methods such as SGML, XML, TeX, and roff.

## - Certifications

- \* Cisco Systems CCNA (Cisco Certified Network Associate) and CCDA (Cisco Certified Design Associate) (now expired).

## - Independant Projects

- \* See my current Projects on my webpage (<http://www.over-yonder.net/~fullermd/projects/>).

## - Education

### - Westminster College

**Address:**

New Wilmington, PA  
<http://www.westminster.edu/>

**Attended:** 1996 - 1997

**Details:**

- \* Double major: Computer Science, Audio/Visual Technical Production  
Minor: Mathematics

### - Archbishop Spalding High School

**Address:**

Severn, MD  
<http://www.archbishopspalding.org/>

**Attended:** 1992 - 1996

**Details:**

- \* Graduated May 1996 with enhanced college preparatory curriculum.
- \* Significant extra-curricular work in computers, and theatrical and broadcast production.

## **- References**

**References are available upon request.**