

# Charlie Harvey

URL: <http://charlieharvey.org.uk/>

## Professional Objective

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A talented systems administrator, with GNU/Linux and Windows expertise, seeking to build on his solid technology, project management, support, training and development skills for a charity, NGO or business committed to social and environmental justice.

## Technical Overview

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- Administration and support for Windows (3.1, 95, 98, NT4, 2000, XP) (6 years professional experience)
- Sysadmin and support of GNU/Linux (Debian, Ubuntu, Mandrake, RedHat) (5 years professional experience)
- Programming including Java, perl, php, bash scripting, DOS batch, C/C++. (7 years professional experience)
- Networking - including TCP/IP, cabling, security, configuration. (7 years professional experience)
- High quality application support and training. (6 years professional experience)
- W3C compliant (X)HTML and CSS. XML, XSLT, and JavaScript. (4 years professional experience)
- Project management experience and planning. (3 years professional experience)
- Excellent time management and work prioritisation.
- Outstanding communication skills.

## Employment History

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### IT Manager

*People & Planet, Oxford*

*June 2002–Present*

#### *Projects:*

- Server migration from Win32 to GNU/Linux- Built and maintained 3 GNU/Linux servers to provide mail, web, file, NAT, and firewall services, furthering knowledge of Apache, Samba, iptables, postfix, and cyrus-imapd.
- Intranet development- Wrote and maintained organizational intranet using perl, php, Java, css, MySQL and xml/xsl. Later migrated this to a Ruby on Rails application, using agile methodologies.
- Web administration and development- Built and administered Apache server for organizational website, this included administering DNS and Exim SMTP and developing MySQL driven RSS news feeds which integrated with existing php news pages.
- Image database- Wrote a fully featured Java/MySQL image database application.
- Spam filtering/antivirus email and webmail system- With support for 50 users, using postfix, clamav, spamassasin, squirrelmail, cyrus-imapd and self-written perl code.
- Automating system administration- With perl, php, ruby and bash scripts.
- Documentation- Including a comprehensive set of howtos, training materials and a full operations manual.
- Data entry management- Managed and trained data-entry staff and prioritized data entry workloads.
- Support and maintenance- For a network of 25 Windows 95/98/2000 boxes.
- High quality application and network support and training- For 25 users
- IT Project Management- Managed IT budget, developed and oversaw organizational IT strategy.
- Office management- Including telecomms support, health and safety management, and purchasing.

## **IT Systems Manager**

*The Hot Group London*

2000–2002

### *Projects:*

- System Administration- Of 3 NT4 servers, and assisting systems administration of GNU/Linux servers.
- Network management and user support and training- Of 35 Windows 98/2000 machines.
- Intranet development and maintenance- Of internal website and IIS webserver.
- Release Management- Including establishing and maintaining CVS repository.
- Facilitation of webserver relocations- Twice oversaw logistics of webserver moves, including assisting with setup.
- Java development- Coded various applets and applications, such as an automatic email from voicemail generator.
- Deploying and configuring servers- Built NT4 and GNU/Linux web/mail/file servers from scratch (including hardware).
- Mailserver management- Of Infinite Interchange mail/webmail server
- Purchasing supervision- Supervised all IT spending, licencing requirements and stock control. Extended departmental Access database to simplify the task.

## **Volunteer IT Consultant**

*Oxfam Development Education London*

1999–2000

### *Projects:*

- Database redesign- Redesigned several Access databases.
- Desktop support- For users of NT network.
- Assisting in organization of major conference- at the University of Hertfordshire.

## **Education**

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### **City and Guilds Level 3, 2003**

Oxford College of Further Education

- C++ Programming (302).

### **City and Guilds Level 3 , 2001**

Barnet College

- Java Programming (7261).

### **Developers Certificate, 1999**

MicroTech Training Services, London

- HTML/JavaScript.

### **A-Levels, 1991**

Colchester Vith Form College

- English Language & Literature (A), General Studies (A), History (B), Economics (C), Politics (C).

### **Seven GCSEs, including**

- Maths (A), English (A).

## **Publications**

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- " Free Software as DIY culture". University of Gothenberg, Sweden.

## Hobbies

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- Community and campaigning groups  
Including Local Indymedia and the Oxford Action Resource Centre (whose XHTML1.1 compliant website I built and maintain).
- Playing Blues Harmonica.
- Dub Reggae.
- Philosophy.

## References

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Available upon request.

Last modified December 2005.