

curriculum vitae

# DAVID BUXTON

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## Profile

I have experience in all aspects of systems administration and computer networks, with an emphasis on Macintosh-based production environments. I enjoy helping people to get the best out of computers by solving technical problems and by finding better ways of using the technology. I am methodical, hard-working and always keen to learn more about how to get the best from computing.

My first Macintosh came with System 6. I believe my knowledge of how things used to work on Mac and my interest in how things work on Windows and other Unix-like operating systems helps me better understand how things work on the current Mac OS X.

## Experience and Skills

I have very strong scripting skills and have used these in my job, either to simplify the task of administering a large network of computers or to build systems where an existing product would have been a poor fit.

Specific technology experience includes Mac OS X, Windows, FreeBSD, Linux, Solaris and Irix operating systems; AppleScript, Python, PHP programming languages; MySQL and Filemaker Pro databases; Microsoft Exchange, Microsoft Active Directory, LDAP and the Apache web server.

As part of a strategy review of how to reduce turn-around time when sending work between offices in different countries, I researched and implemented a file transfer system to link offices in five countries. The system was designed to boost speeds over high-latency Internet links and to resume transfers automatically if the connection was interrupted. The improved reliability and data transfer rates meant staff no longer needed to babysit gigabyte file uploads to FTP servers.

In order to ease the pressure on the e-mail server's disk space, I proposed and then installed and configured an XMPP/Jabber chat server for internal company use. This quickly became a vital communications tool both for moving files that were too big for e-mail and for conversations where e-mail was too slow.

I wrote a custom Web application so that staff no longer needed to enter bookings in their scheduling system (a commercial product called Farmers Wife) and then enter them again in the finance system. The Web application allowed staff to extract all the necessary information from the scheduling system in a format suitable for finance. This transformed a chore that took one person an hour every day into five minutes work at the end of each week.

Replaced an old Mac-only help desk system written in Filemaker Pro with a Web-based ticket system that included a knowledge base, as well as integrating with the office directory. In addition to being cross-platform, the new system was cheaper because there were no client licensing costs.

## Employment

### **Freelance Technical Support** May 2010 - present

Helping small businesses with Mac-based networks. Amongst other things, configured WiFi and printer sharing for one office, helped another business move to Google Apps for e-mail.

### **Technical Manager, Mundocom UK** January 2010 - April 2010

Oversaw all aspects of digital print production in a busy advertising production house.

Responsible for researching, recommending and implementing production and automation systems to improve the efficiency and accuracy of production workflow. Maintained colour-

critical print servers and proofers. Involved with European IT strategy, helping to link production between offices in London, Paris, Frankfurt and Mauritius.

**Database & Systems Administrator, The Facilities Group 2005 - 2010**

Involved in all aspects of providing desktop and systems support for 200-person advertising production house, with additional responsibility for Web and database applications. Administration lead for Microsoft Active Directory and Exchange. Worked in a client-facing role as a technical consultant on behalf of the company departments.

**Freelance Technical Support 2004 - 2005**

Providing server, desktop and network support to small businesses and professionals, the majority being television production companies.

**Systems Administrator, Rapido TV 2001 - 2004**

Server, desktop and network support for busy independent television production company. Designed database to track more than 20,000 video tapes. Expanded role included Web site administrator and Web developer.

**Systems Administrator, World of Wonder TV 1999 - 2001**

Server, desktop and network support for busy independent television production company. Worked with outside consultants to provide first-line support for Avid video editing suites.

**Qualifications and Education**

**Learning Tree course "Microsoft Exchange Server 2007 Administration: Hands-On"**

**BA Philosophy (Hons), University of Birmingham 1997**

**A-levels in English Literature, Spanish and Mathematics**

**Other Interests**

Cycling around London; going to music gigs; cycling around London while listening to music; learning French (still a long way to go on this); design in general and software design in particular.

References available on request.