

CONTACT
INFORMATION

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PROFILE

A talented and enthusiastic systems administrator with extensive experience in semantic web development and programming in a variety of languages. Good leadership skills and able to efficiently work alone or as part of a multi-disciplinary team. Extensive linux knowledge in parallel with windows desktop and server administration experience.

TECHNICAL
SKILLS

Programming: PHP, Perl, C, C++, Qt, MySQL, XHTML, CSS, Javascript, Linux/UNIX shell scripting, SVN, and others

Applications: Adobe Creative Suite, Microsoft Office, Visio and Project, OpenOffice, Pro/Desktop CAD and electronic circuit design packages such as Proteus ISIS

Operating Systems: Ubuntu and Debian Linux, Microsoft Windows Vista/XP/2000, Apple OS X, Solaris, and other Linux distributions.

EDUCATION

University of Birmingham, Birmingham, West Midlands

DipHE, Bioinformatics

September 2004 to February 2008

- Research Interests: Synthetic and Systems Biological Modelling in C++

The Chase, Malvern, Worcestershire

September 2000 to July 2004

A-Levels

Computing **B**

Biology **C**

Chemistry **C**

Physics AS **B**

GCSEs

10 GCSEs **A-C**

EMPLOYMENT
HISTORY

DB Education, Brighton, East Sussex

Systems Administrator

July 2008 to Present

- Designed various plugins for both Nagios and Munin to monitor a number of services across the network of over 100 servers.
- Developed the corporate website with MODx open source CMS.
- Migrated the office software licensing model to a volume license key.
- Implemented a hardware & software asset management database.
- Carried out hardware and software management and repairs to a variety of server platforms and office computers.
- Migrated the corporate wiki from Twiki to Mediawiki.
- Responsible for the security and updates of the office and london networks.
- Conducted the migration of MX records between providers for the E2BN primary school network.
- Coordinated the replacement of the office air-conditioning system, from research to budget approval, to final replacement.

ebxp, Bicester, Oxfordshire

Web Developer

February 2008 to July 2008

- Designed and developed various websites for big clients such as BETA, Youth Hostel Association and Centre for Cities.
- Created many API plugins, such as Flickr, Google Maps, and PostcodeAnywhere, for MODx CMS to enhance the interface of these sites.
- Trained a number of clients on how to use the CMS product, and produced articles of technical documentation for the CMS.
- Implemented a bug tracking and issue management database to increase reporting and bug fixing efficiency.

University of Birmingham Hallsnet, Birmingham, West Midlands

Junior Network Technician

September 2004 to Jul 2005

- Provided telephone, email and web-based support to students and student advisors, covering Windows, Mac and Linux platforms.
- Controlled network access at switch level, utilising IOS commands on Cisco hardware.
- Analysed network traffic across multiple networks using wireshark, to locate bottlenecks and malicious IP traffic.
- Implemented a secure, firewalled office network, and CentOS database servers to keep records of users bandwidth quotas.

INTERESTS

In my spare time, I am a keen photographer and I upload many of my photos to Flickr. I also enjoy going to the cinema, especially to see foreign films. I love travelling, and have visited Ireland, France, Germany and several destinations within in the USA in recent years.

I love driving and passed my test in July 2005, the Pass Plus driving certification in December 2005 and have a full clean UK license with no endorsements.

I have been a Linux user since early 2002, initially using Slackware on an old PC to host my own website, and now using Ubuntu as my daily desktop at home and at work. I also use Windows XP, Vista and have been testing the public beta of Windows 7.

I like to use a variety of different environments to enhance my familiarity with them. I also enjoy experimenting with new technology, lately I have been using VMware and xen servers to build virtualised environments. I am also particularly interested in SAN technology and its application in enterprise server fields.