David John Holland

Work:

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Education

1996 – 1997. Trinity Hall, Cambridge. M.Eng.(Hons) in Electrical and Information Science. The course was half lectured and half project-based; my project was on improving Global Positioning System software.

1993 – 1996. Trinity Hall, Cambridge. B.A.(Hons) in Electrical and Information Science. Sponsored by National Power, including work placements each summer.

1985 – 1992. Solihull School, West Midlands. A-levels in Maths, Further Maths, Physics, Chemistry, and General Studies (all grade A). 11 GCSEs including Maths and English (all grade A).

Employment

November 2003 - present. I work within the Infrastructure Management Team of the Systems Support Group at the Sanger Institute. My role is to specify, install, configure and maintain back-end and infrastructure Linux and Unix systems with an emphasis on performance and availability. I also assist front-line support staff and help maintain the SAN. My projects to date include deployment of a highly-available web cache cluster for nearly 1000 users, a multi-master LDAP service, migration of many systems from Tru64 to Debian Linux, and deployment of an 8-node VMware cluster hosting 160 virtual machines.

May 2000 – November 2003. I was employed by Trigenix Ltd (formerly 3G Lab), a mobile communications software consultancy, as Systems Administration Manager. I built the start-up company's network around a gigabit backbone with firewall and remote-access VPN and managed the IT side of the company's move into dedicated office space. I was responsible for the well-being of the network, including Linux and Solaris servers, and Linux and Windows desktops.

August 1997 – May 2000. I worked for Incyte Europe (previously Hexagen Technology), as Systems Manager. I was responsible for the day-to-day running of the network and servers at two sites in Cambridge and supported end users including non-technical lab staff. I managed one member of staff who was primarily responsible for desktop systems.

July 1996 – July 1997. I had a part-time systems administration and customer support job with Digiserve Inc.

July 1992 – July 1993. I worked for one year in the research and technology department of National Power.

Training courses

1997 — Sybase Database Administration (5 days).
1998 — Firewalls and Internet Security (3 days).
1998 — Time Management and Interview Skills (1 day each).

Other qualifications

Clean UK driving licence.
Associated Board of the Royal School of Music – violin (grade 8), piano (grade 7), organ (grade 6), flute (grade 2).

Computing skills

Linux distributions: Debian, Ubuntu, SuSE.
Unix: Tru64, Sun Solaris.
Windows OS: some use of desktop and server versions up to 2008 Server.
Familiar with: Perl, DNS (Bind 8/9), VMware ESX/vSphere, DHCP, NTP, NFS, YP/NIS, Exim, Cyrus, MySQL, Apache, firewalls (Linux iptables, Juniper Netscreen), Nagios, Kannel WAP/SMS gateway.
Some exposure to: CVS, Oracle, Sendmail, C, Samba.
Hardware: HP DL-class servers and BL-class blades. Brocade SAN. HP EVA and Nexsan SATABeast storage.

Interests

Music — In 2000 I formed a ceilidh band, Fendragon, which regularly plays for events in and around Cambridge. I play fiddle and hurdy-gurdy for both Fendragon and Cam-French, a group which runs monthly sessions of traditional French music and dance. I sing with a local amateur choir which gives regular performances.

Sport — I am a member of two local folk dance groups, the Round (Cambridge University English Country Dance Society) and the Gog Magog Molly Dancers.

Computers — In my spare time I am a volunteer developer for the Debian Linux project. I am a member of USENIX and SAGE.

Other — I have three children and since 2009 I have been the treasurer for the Cambridgeshire Home Educating Families group.

References

(available on request)

January, 2010