

Dan Wentworth

CONTACT INFORMATION

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PROFILE

I'm currently in my final year of a Computing degree at Bournemouth University. My professional interests lie in working with Unix systems, programming and networking. Combining all of these things together is something I especially enjoy. I'm a big fan of Free and Open Source Software, and endeavour to use and promote it whenever possible.

PROFESSIONAL EXPERIENCE

Tripleplay Services Limited, Poole, Dorset

Junior Software Engineer

2008 – 2009

Tripleplay Services are an IPTV/Digital Signage company. At Tripleplay Services I worked in the Tools and Tech team who specialised in development tools and researching future possible technologies. I was given sole ownership of a few existing projects including the server Build Tool (installs OS, then Tripleplay software on top) and the Licensing Tool. I also wrote some projects from scratch such as the software update tool, which included the process of requirements engineering, right up to testing and deployment. Primarily I worked in PHP, Python, MySQL and BASH.

Futureservers/Web of Knowledge, Horndean, Portsmouth, Hampshire

Technical Support Engineer/Web Developer

2007 – 2008

In my role as a web developer I was responsible for the development and maintenance of in-house tools such as the Technical Support Tracker, the domain management control panel, the the CRM. I also developed web applications for external clients, strictly adhering to W3C and accessibility standards. As a Technical Support Engineer I was jointly responsible for building and maintaining approximately 20 servers in various locations running Linux, Apache, MySQL, PHP, Exim, QMail, tinydns and BIND. I also made solo trips to datacenters to perform hardware upgrades and repairs.

RK Holman Limited, Wimborne, Dorset

Systems Administrator/Developer

2006 – 2007

Ported in-house developed stock control system from Sequoia Pro to OpenQM, as well as adding features to stock control system. Implemented off-site backup solution. Supported end users across the company running a variety of environments.

Adrian Tesson Associates, Texel, Holt, Wimborne, Dorset

Systems Engineer

2004 – 2006

Redesigned and reimplemented office IT infrastructure, including: Replacing existing network equipment with Cisco 2600 routers and Netgear managed switches. Replaced Windows NT4 Domain Controller and file server with Linux/OpenLDAP/Samba solution, incorporating full backup solution. Assisted in porting steel management software from Sequoia Pro system to jBase and OpenQM. Developed features for steel management system in PickBasic. Created virtualised development environment using VMWare.

VOLUNTARY WORK

Open Rights Group (ORG), London

Volunteer Systems Administrator

2009 - Present

Keep everything running smoothly on the Open Rights Group servers and provision for new services. Jointly responsible for email, web, caching and DNS services.

Childrens Rights Alliance for England (CRAE), Islington, London

"Right Here, Right Now" Project

2003 - 2006

I got involved with a group campaigning for a Children's Commissioner in England. During my time with RHRN I developed and maintained a website for the project (sadly no longer active) provided consultancy on government proposals and documents, organised PR and informational events. I spoke at many conferences including an NSPCC conference held at the House of Commons, and the CRAE AGM.

The project was disbanded a few years ago when our objective for a Children's Commissioner in

England was achieved.

EDUCATION

Queen Elizabeth's School, Wimborne, Dorset

2000 – 2003

12 GCSE's (A - C) Including: English (B), Science (BB), Maths (B - taken 1 year early), ICT (B), Electronics (B)

Queen Elizabeth's Sixth Form, Wimborne, Dorset

2003 – 2005

4 A2's: Computing (C), Politics (D), Maths (E), Physics (E)

Bournemouth University, Bournemouth, Dorset

2006 – Present

Computing (Advanced Development, Advanced Networks, Software Quality and Testing)

- First and Second year passed with distinction
- Graduation due 2010
- Predicted grade: 1st class degree

EXTRA CURRICULAR

In my spare time I enjoy Geocaching (a kind of world wide GPS treasure hunt), socialising with my friends. And working on open source projects including the OpenQM data management environment and the Fetegeo Free text geocoding project.

I enjoy going to informal conferences such as Barcamps (<http://barcamp.org/>), where every attendee is expected to contribute to the conference in some way, usually by giving a 30 minute talk on absolutely anything they like.

I also run the Bournemouth Uni computing and UNIX society BUNIX (<http://www.bunix.org.uk/>) where we put on monthly meetings and talk about things we've been working on and organise events such as code-a-thons and other computing related event

Between Barcamps and BUNIX I've given talks on a variety of subjects, including:

- Backing up all of your systems at once with rsnapshot
- Installing Mac OSX on the Dell Mini 10v
- Webkit animations and transitions
- The Conky system monitor
- Introduction to programming with Android

I'm also currently involved with the organisation of Barcamp Bournemouth 2 due to take place in April 2010.

SKILLS

- Linux and BSD System Administration (RedHat/Debian based)
- DNS administration in BIND and tinydns
- Mail administration with MDAemon, Exim and Exchange
- Setup and basic administration of VoIP systems (Asterisk)
- System level scripting in: BASH, Python, SED and AWK
- High level programming languages: Python, PHP, Java, Javascript, C, Multivalued BASIC
- Good knowledge of web development frameworks (incl. Rails and Django)
- Database administration: MySQL, PostgreSQL and SQLite
- Geographic Information Systems with PostGIS
- XML Tools including: XML, XSD, XPath and XSLT
- Source code management in Subversion, Git and Bazaar
- Regular Expressions
- Familiar with Agile development methods including Scrum
- Document typesetting using L^AT_EX 2_ε

REFERENCES

Adrian Tesson

Partner

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