

James Condron

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Ever since I was a young child, I had two major passions in life; Liverpool football club and computing and whilst I wouldn't necessarily wear an Ubuntu T-shirt all the time, I do at least own one. My major interests in computing lie in Free Computing, security (including encryption and authentication) and socket programming, both via the kernel and over TCP/IP; all of which I bring a lot of experience and knowledge of to any task or job. I have used Linux for several years, with experience of many different flavours, kernels and architectures; whether a five day Gentoo installation on a Pentium Three, to an experimental Debian installation on the PowerPC architecture. Whilst I am trying to avoid speaking in cliches, I do get a genuine feeling of pride when I complete a particularly complex task or issue and I have a sincere love of learning which manifests in my work.

Competencies

Operating Systems:

I have roughly eight years experience with Linux. Over these eight years I have used:

- λ Gentoo Linux
- λ Suse Linux
- λ Debian Linux
- λ Red Hat Enterprise Linux

to a high standard, including kernel development and building, security and resource management, userland problem solving and installations from source and from packages. I have used other Linux flavours too, including many **Debian** derivatives, **Fedora** and **Slackware**.

I also have a lot of experience in SysV Unix based systems, mainly in the **Solaris** family, including installation and administration though I have used, to a limited extent, both of more the more popular closed commercial systems; **AIX** and **HP-UX**.

In this day and age it ought to go without saying, but I have excellent **Windows** skills and almost a lifetime's worth of use and experience. I am also competent and practised in **Windows Server 2003**. I also have some hobbyist interest in **Plan 9** (the Bell Labs research Unix successor) and **GNU/Hurd**.

Programming:

I primarily use script languages, or more correctly, interpreted languages. I consider myself myself more than competent in

- λ Python
- λ Bash
- λ rc (The Plan9 shell)

I am very much comfortable, though not competent, with

- λ Perl
- λ Ruby

I also have experience and ability in both C and Java, though due to my use mainly being in scripting, byte-compiled languages only really get used for Kernel Development.

Data Management::

I have a lot of experience and practical knowledge with data security, such as

- λ Disk Encryption
- λ Data Integrity

and in data recovery, and of course destruction with

- λ Native tools, such as dd
- λ data carving tools, such as foremost
- λ Own scripted/ engineered tools for data destruction

Portfolio

I keep my portfolio at jamescondron.co.uk; my portfolio includes papers and articles on symmetric key encryption, security focussed systems administration, including real time connection monitoring and counter surveillance.

I also keep documentation and source code for my projects **Pynk Server** and **jencryp**; a remote monitoring protocol/ client-server pair and a symmetric key encryption protocol respectively.

Education

A Level

Law, Media Studies

AS Level

Politics, Critical Thinking

GCSE

Maths, English Language, English Literature, Physics, Chemistry, Biology

All grades are at C or above.

I also have two years worth of a Secure and Forensic Computing which is no longer being pursued.

Work Experience

Self Employed

June 2006 to Present

Home computing help, including both hardware and software installations, networking set up with shared files, printers and NAT-ting. Worked on an hourly charge basis with 24 hour call outs to mainly domestic clients, though I did provide support to a handful of small companies.

References

Laura Hodge(Client)

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