

Curriculum Vitae

Stuart Longland

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1 Personal Details

- Full Name: Stuart James Longland
- Date of Birth: 7th March, 1984
- Current Location: The Gap, Brisbane, Queensland, Australia
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- Email Address: redhatter@gentoo.org
- Website: <http://dev.gentoo.org/~redhatter/>
- Blog: <http://stuartl.longlandclan.yi.org/blog/>

2 Career Objectives

- To further my career development in the fields of Electronic Engineering and Information Technology.
- To actively contribute and improve the environment around me.
- To continue to develop my skills, and assist the development of those around me.

3 Key Skills

- Telecommunications: Radio modulation techniques (AM/FM/PM), basic concepts.
- Software Development: in C, C++, Assembly language (Intel x86), Java, Perl, Bourne Shell and others, Allen Bradley ladder logic.
- Web Development: in Perl, PHP, W3C XHTML & CSS.
- Database Management: with MySQL
- Operating Systems: Windows 3.x—XP, DOS, Linux (SuSE, Red Hat, Gentoo, Slackware, Debian), FreeBSD, NetBSD, OpenBSD, Sun Solaris, Minix, SCO OpenServer, IBM OS/2 Warp, uC/OS II.
- Embedded Systems Development: MIPS, Rabbit Semiconductor
- PLC Development: Allen Bradley SLC5/03 and associated development environment



4 Qualifications & Training

- Certificate III Arts (Webdesign): Brisbane Institute of TAFE (Ithaca campus), 2001.
- Certificate III Information Technology: St. James College, 2002.
- Senior First Aid: St. John's Ambulance, 2007.
- *In Progress* Bachelor of Engineering (Electronics)/Bachelor of Information Technology (Software Engineering): Queensland University of Technology (Gardens Point campus)

5 Professional Membership

- Student Member, [The Institution of Engineers Australia](#), Member #2872030.

6 Community Interests

- 2005—Current: Developer, [Gentoo Foundation](#)
- 2003—Current: Network Administrator, [Asperger's Syndrome Support Network \(Qld\) Inc](#)
- 1998—2001: Founding Member, "Computer Group for Adults", [Autism Queensland](#)

7 Professional Experience

7.1 2005—Current: Developer, Gentoo Foundation

The [Gentoo Foundation](#), produces an operating system based on the Linux kernel, for a wide variety of platforms.

My primary role exists with the [MIPS team](#), producing and maintaining a version of Linux for [Silicon Graphics workstations](#), and the [Cobalt family](#) of servers. I also maintain their documentation, such as the [handbook](#), [FAQ](#) and [hardware requirements](#) page.

More recently, I've also started looking after the [Mozilla](#) suite of packages such as Thunderbird and Firefox.

Just recently, I also received a donation of two Fulong minicomputers from [Lemote](#) in China, so as to facilitate a port of Gentoo to the [Loongson processor](#) architecture.



7.2 2003—Current: Network Administrator, ASSN

For the last few years, I've maintained the computer network at the Asperger's Syndrome Support Network. My roles include:

- Technical Support contact
- Maintenance of the Server: This server handles all email, routing, file serving and domain controller duties. It runs Gentoo Linux/x86 release 2007.0.
- Maintenance of the workstations, running Windows XP Pro.
- Development and maintenance of their present website

8 Referees & References

For privacy reasons, the contact details for my referees are not present in this online version of my CV. For the offline version, please see my contact details on page [2](#).

