

# CV – Anthony Cartmell

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## Summary

Anthony is an experienced web designer with a particular interest in standards-compliant and high quality web sites. His sites are written in valid XHTML with CSS style sheets, and are generated with the help of PHP. While using web standards helps with cross-browser compatibility, Anthony also takes into account minor browser differences so that his sites display well in as many browsers as possible.

Anthony has designed and built successful real-world database-driven websites both for company intranet and public internet use. Using open source tools, and working to web standards, ensures that his sites do not depend on proprietary formats or development environments.

Having two dedicated servers on the internet, Anthony can provide a complete package including domain registration and website hosting, and virus and spam filtered e-mail accounts.

## Career to date

- 2004 – **Fonant**, self-employed freelance developer building custom standards-compliant and database-driven websites.
- 2001 – 2004 **Ricardo Software**, part of Ricardo Consulting Engineers. Designed and developed bespoke customer support, licensing, financial and bug-tracking systems as web-based intranet applications. Constructed the Ricardo Software internet web site, complete with customer login area with downloads and support enquiry listings. Also worked on Ricardo Software product user interfaces, coding in C, Fortran, and C++.
- 1999 – 2001 **New Design Paradigm**, a small business writing a complex electrical system design application for GM Truck in the USA. Worked from home as an application architect writing ICAD code.
- 1990 – 1999 **Ricardo Consulting Engineers**. Initially worked on the Ultra Low Emission Vehicle project, designing experiments and analysing test data using Matlab. Then moved to the NVH department to write a model creation tool called KADOS for Ricardo's WAVE fluid dynamics program. KADOS became very successful and is still in use today by several major automobile manufacturers and suppliers.

## Software Languages

(X)HTML	Detailed knowledge of XHTML and HTML, with CSS for page styling. Knowledge of the different levels of support for web standards in common web browsers.
PHP	Five years' experience of PHP4 and recently PHP5. Use of the Zend Development Environment with it's powerful coding and debugging tools.
SQL	Experience of MySQL relational database design, and SQL including complex queries involving multiple joins.
ICAD	Extensive experience of ICAD (a high-level engineering language based on Lisp).
Other	Mainly C and Fortran. Some experience of other languages, such as BASIC, Pascal, Lisp, and C++, with experience of writing both procedural and object-oriented code.

## Internet/Intranet

Linux	System building and maintenance of Linux-based servers. Remote maintenance of servers via the internet. Linux security.
Apache	Experience of installing and configuring Apache with PHP, including SSL and CGI.
MySQL	Configuration and maintenance of MySQL, backups and trouble-shooting.
PHP	Installation and configuration of PHP.
E-mail	Sendmail configuration. MailScanner set-up for virus and spam filtering.
DNS	DNS server configuration, DNS records, domain registration, trouble-shooting.
E-commerce	WorldPay and PayPal online payment systems, with customised shopping pages.

## Training Courses

1996	TickIT Internal Quality Assurance Auditing (1/2 day, SGS Yardley)
1998	C++ Object-Oriented Analysis and Design (1 week, Learning Tree) Object-Oriented Analysis and Design (1 week, Learning Tree)

## Education

1977 – 1981	St. Edmunds School, Canterbury, Kent (Cathedral Choir House).
1981 – 1986	Glenalmond College, Glenalmond, Perthshire, Scotland.
1987 – 1990	Dept. of Mechanical Engineering, University of Southampton. B.Eng. (Hons) in Mechanical Engineering (2.1)

## Personal Details

Date of birth:	19 March 1968
Marital status:	Married, with twins due August 2005.