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## Profile

I began working as a web designer/developer in 1999 and have gained extensive experience of web design and development in an academic, commercial and not for profit environment. Since 2002, I have worked predominantly in front-end design, development and integration.

I have balanced skills in creative web design and technical coding enabling me to work within these two areas and more importantly, in complex integration work. I have key skills in usability, accessibility, cross platform browser issues, CSS based design and user interface design using a range of web technologies. I work equally well alone and as part of a multi-functional team. I have good practical, communication and organisational skills and have been a mentor and team leader.

I am currently working for a national housing and homeless charity maintaining and developing their many websites, used for advice, campaigning, fundraising and as a major source of housing policy and practice.

In my spare time I enjoy photography with film cameras, working on personal photography projects, cycling, as well as spend time volunteering my web skills to other charities.

## Skills

### Web/Multimedia Development

- A rounded knowledge of web based technologies.
- Expert hand coding clean HTML and advanced CSS (layouts, effects, typography) to web standards
- Industry skills in Javascript / DOM / AJAX, working with frameworks and APIs such as JQuery / YUI / Google maps.
- Thorough understanding of accessibility (WAI, DDA SENDA) and cross platform browser issues and capabilities (Mozilla, Webkit, IE).
- Server side coding and database design using PHP 5 (object-orientated), MySQL, Apache server.
- Front end code optimisation.
- Performing usability testing and evaluation on a budget, writing user scenarios and scripts.
- HTML email design / coding / testing.
- Content editing and management with CMS.
- Wordpress setup and customisation.
- Ecommerce and payment gateway integration.

- Flash (ActionScripting / Flash video).
- Fluent user of Photoshop. Also knowledge of streaming technologies for audio and video delivery, Video and audio editing skills, Illustrator
- Search engine optimisation

### Computing

- Knowledge of Java (Sun Certified Java Programmer), Java Server Pages, Perl
- Experienced in development under Windows / OSX / Unix. General MS Office skills.
- Academic knowledge of programming in 8086 Assembly Language, Turbo Pascal, Modula-2, Arc Macro Language(AML), C and OpenGL graphics. GIS software.

### Other

- Account handling, supervising, mentoring and presentation skills.
- Clean driving license. Fluent Cantonese, basic spoken Mandarin. Experienced photographer.

## Work Experience

### Senior Web Coder / Designer

Shelter, London

July 2004 – Present

<http://england.shelter.org.uk/>

<http://housingleaguetable.org.uk/>

<http://architectinthehouse.org.uk>

<http://caketime.org.uk>

I work within the busy Creative and Production team providing day to day maintenance of the main Shelter site using an open source CMS. Design and coding new templates and sections for the CMS. Optimising existing template pages, Javascript and stylesheets to ensure improve usability and accessibility. I manage and implement new web projects and strategies from creating initial briefs and wireframes through to prototyping, design and development and usability testing. I also create effective web materials to support campaigns and fundraising initiatives through email design, online advertising.

### English teacher

Qinghua Middle School, China

August 2008 - June 2009

I took a one-year sabbatical from Shelter to teach English in China via the British Council Language Assistant scheme. Responsible for teaching conversational English to over 1000 senior students (ages 13-15); Promoting British culture through presentations; Hosting English corner; Promoting the school in rural communities within Chongqing Municipality.

### Faculty of Applied Sciences Web Developer

Working with the 6 faculty departments to improve their web provision. Creating standards compliant and accessible designs. Performing usability

Lancaster University  
August 2003 – July 2004

testing, content editing and management, helping with web based promotional activities and providing consultancy expertise. Also developing site designs for research workshops and conferences.

**Freelance Web development**  
Pixel UK Ltd; E-scape Media Ltd, Bath  
October 2002 - June 2003

Prototyped an interactive stock market charting tool incorporating XML technologies using Flash MX. Web site maintenance, updating templates, creating graphics and stylesheets, SQL Server/ASP coding, development for MusicTech cover CD-ROM.

**Technical Support Assistant**  
Manchester Commonwealth Games  
July 2002 - August 2002

A volunteer working as part of the technical support team based at the GMEX/ICC/Main Press Centre complex. Included phone/PC/printer installation, support, troubleshooting and manning the technology helpdesk.

**Web Developer**  
Eunite Ltd (Zendor Group), Manchester  
January 2000 - August 2002

Leader of a small team merging the design and development areas and taking on a mentoring role. Developing a wide range of dynamic web sites with cross platform compatibility. Example works include extensive design integration, usability testing and troubleshooting, the integration of various payment gateways for e-commerce Web sites, writing a finance server for an online casino, developing administration and content management systems. Wrote a paper on improving search engine positioning and helped to develop e-commerce provision strategy.

**Placement student in USA**  
Sandy's Office Supply, Aspen Colorado  
July 1999 - October 1999

Duties included: web site design and development, shipping and receiving, stocking, order entry, sales, cashier, furniture assembly, computer support, office machine repair.

**Programmer/RA**  
KINDS Project  
September 1997 - July 1998

Working in a small research team helping to develop the Knowledge-based Interface for National Data Sets (KINDS) service. Perl programming (for a gazetteer search engine and data set download system); Web page coding and design; Various GIS and online mapping work.

**Voluntary work**  
Age Concern, British Heart Foundation,  
Wai Yin Women's Society, Oxfam,  
National Phobics Society, Room2Heal.  
June 1995 - Present

Work involved: Redevelopment of websites and providing advice on website strategies. Sorting out donated items, serving customers, pricing, using a till and moving stock; Updating databases; Helping to create a library index and newsletters.

## Education

**CELTA**  
International House  
August 2007 – November 2007

Certificate in English Language Teaching to Adults. Passed with a Grade B (top 29%). Taken part time.

**PgDip Interactive Multimedia**  
Bath School Of Art And Design  
October 2002 - June 2003  
<http://onoffonoff.org/ijmma/>

Passed with distinction. Modules included Web Design, Screen Design, Cultural Theory, Director, Flash MX, Java, Usability, Museum of Costume Group Projects. Video and Sound for multimedia. Project work showcased at Submerge 2003, Watershed Bristol.

**BSc(Hons) Software Engineering**  
Manchester Metropolitan University  
September 1995 - June 1999

Graduated with First Class honours. Major dissertation - Implementing a Micro-payment System for Web based Transactions. Modules included Human Computer Interaction, Communication Networks, Database Systems, Information Systems and Environment, Professional and Legal Environment, Systems Implementation, Software Tools. Computer Graphics, Knowledge Based Systems, Software Engineering Measurement.

**A-Levels**  
Ashton-under-Lyne 6<sup>th</sup> Form College  
September 1993 - June 1995

Business Studies (A); Computing (A); Design and Technology (A)

## Interests

Photography using a range of film cameras (35mm and medium format) <http://onoffonoff.org/pictures/> ; Publishing a range of hand made photowall books, sold through the Photographers' Gallery; Record collecting (having previously run my own independent record labels Emma's House Recordings and Heliotone Records - <http://onoffonoff.org/heliotone/>); Swimming; Cycling; Volunteering my web skills to small charities.

## References

Supplied on request