

Curriculum Vitae of Edward L.C. Jung

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Profile

I work predominantly in front-end design, development and integration. My career started in 1999 and since then I have gained extensive experience of web design and development in an academic, commercial and not for profit environment.

With a rounded knowledge of Web technologies and creative skills it enables me to work closely with designers to bring designs and interactive elements to life from wireframes, prototyping to site build. I frequently work on designs with complex interactions and integration.

I have key skills in usability, accessibility, cross platform browser issues, advanced CSS based design, responsive design, mobile sites and user interface design using a range of web technologies. I work equally well alone and as part of a global multi-functional team. I have good practical, communication and organisational skills, been a mentor and team leader.

I'm currently employed by Google as a front end Web Developer developing and maintaining their global marketing sites promoting the brand and products.

In my spare time I enjoy photography with film cameras, working on personal photography projects, cycling, as well as spending time with my young family.

Skills

Web development

- Expert at hand coding clean HTML and advanced CSS to Web standards.
- Industry skills in JavaScript / DOM / AJAX, using JS frameworks, HTML5 (e.g. geolocation, media, forms) and Google APIs (e.g. Maps, YouTube).
- OO JavaScript coding, using native JS and Closure library. At Google I have JS readability (code reviewer, build JS modules used across Google, write unit tests). Knowledgeable in jQuery and other libraries.
- Experienced in CSS preprocessor tool GSS (Google Style Sheets), basic use of SASS.
- Advanced CSS - media queries, animations, transitions, transforms.
- Highly experienced in testing and developing responsive sites for multi device use, on Android and iOS platforms.
- Thorough understanding of accessibility (WAI, DDA SENDA) and cross platform browser issues and capabilities (mobile and desktop).
- Front end code optimisation for best performance.
- Internationalisation - building sites for locales across the world. Used to working with issues of different languages such as right to left and non latin locales.
- Using templating systems, content editing and management with a CMS.
- Search engine optimization.
- Google Analytics reporting, content experiments.
- Fluent Photoshop user.

General

- Account handling, supervising, mentoring and presentation skills (deliver workshops and presentations within Google).
- Highly experienced in development under OSX / Windows and Unix environments. Not afraid of the command line.
- Use of version control systems, adhering to coding style guides.
- Clean driving license.
- Fluent Cantonese, basic spoken Mandarin.

Other relevant experience

- Server side coding and database design using PHP 5 (object-oriented), MySQL, Apache server.
- Performing usability testing and evaluation on a budget, writing user scenarios and scripts.
- HTML email design / coding / testing.
- Wordpress setup and customisation.
- Ecommerce and payment gateway integration.
- Flash (ActionScripting / Flash video)
- Knowledge of streaming technologies for audio and video delivery, video and audio editing skills, Illustrator.
- Knowledge of Java (Sun Certified Java Programmer), Java Server Pages, Perl

Work Experience

Front end Web Developer

Google, London
Nov 2010 – Present

<http://www.google.com/chrome>
<http://chromebooks.com>
<http://chromebooks.com/pixel>

I work in the Web Studio developing and maintain Google's marketing pages. I work closely with Product Marketing and Designers to promote all aspects of Chrome products. Turning wireframes to prototypes and the final site builds.

I am the lead on Chrome OS and Chrome products targeting consumers, education and business markets. The sites I've built take into account local markets, are localised into 50+ languages and reach millions of users each month.

Primary technologies used are Django for templating, OO JavaScript written using Closure. I make extensive use of progressive enhancement and responsive design techniques. Am very experienced in mobile testing. Use of the latest HTML5, Google APIs and CSS3 techniques for presentation and interactivity.

I've developed resources for team and company wide including delivering a mobile testing workshop to Googlers with a focus on improving responsive websites experiences mobile. With JavaScript readability, I do regular code reviews and have written a number of reusable front end modules for the team that are used company wide.

As a global operation, I am well versed in working with multi functional teams across multiple time zones. Used to working under a high-pressured environment developing sites for coordinated product launches.

Senior Web Coder / Designer

Shelter, London
July 2004 – Nov 2010

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 and online advertising.

English teacher

Qinghua Middle School, China
August 2008 – June 2009

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

Lancaster University
August 2003 – July 2004

Working with the 6 faculty departments to improve their web provision. Creating standards compliant and accessible designs. Performing usability 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; October 2002 – June 2003

Prototyping interactive stock market charting tool in Flash, CD ROM development, website maintenance.

Technical Support Assistant

Manchester Commonwealth Games; July 2002 – August 2002

Volunteer working as part of the technical support team. 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. Focus on ecommerce and payment gateway systems for large clients. 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/Research Assistant

KINDS Project, Salford University; September 1997 - July 1998

Web coding, design and Perl coding on a online GIS mapping project for geographical data sets.

Voluntary work

Age Concern, British Heart Foundation, Oxfam, National Phobics Society, Room2Heal; June 1995 - Present

Redevelopment of websites and providing advice on website strategies. Updating databases; Helping to create a library index and newsletters. General duties in a Charity shop.

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/imma/>

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 6th 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; DIY; Spending time with my young family.

References

Supplied on request