

Monica Messaggi Kaya

Software Engineer at University of Oxford

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Summary

I have a design / webdesign inclination with experience in programming. I've kept myself current with the new technologies and trends, seeking training where needed and participating in events. My main interests lie in web and mobile applications as well as user experience.

Attention to details and focus on the projects that I've worked with helped me to build relations with project owners and users, facilitating many times the communications and the delivery of the requirements. I am an organised, creative, efficient and very adaptive person. I used to motivate groups to socialise and also to collaborate to each other on the work environment. I am a fast-learner and I'm always willing to undertake further training to fulfil requirements and to progress in my career.

Specialties

Design and user interface using relevant programming languages/tools to allow functionality on websites, using them appropriately as necessary. Mostly used:

- Adobe Design Suite: Photoshop, Illustrator, In Design, Dreamweaver
- HTML5, CSS3, XML, Web applications, Mobile applications (recent interest)
- Javascript, JQuery, Python (plus Pylons/Web.py), Java, PHP, VMware, MySQL
- Rich Internet Applications: mostly HTML5, with some past experience in Flash and Java
- Content Management Systems (Drupal, Wordpress, Joomla, Moodle).

Experience

DAMS Software Engineer at University of Oxford

March 2009 - Present (3 years)

Member of the core Digital Asset Management System (DAMS) team working with the system architect to develop the DAMS architecture. Worked on the Blockbooks (Image Library) project importing digitised materials from a legacy environment and developing a new online presentation of the content, today at <http://digital.bodleian.ox.ac.uk> (first design can still be seen, for limited time [at this location](#)); [Building a Research Information Infrastructure](#) – integrating user profiles and project information into repositories to provide richer contextual information supporting the development of tools for research communities. Designed the <http://vocab.ox.ac.uk> website to provide controlled vocabularies in use by the University of Oxford's semantic web community. Worked on the Bodleian Incunable catalogue on a new online presentation, with full-text search in Solr. Created uncluttered design for the "research@Oxford" proof of concept at <http://research.bodleian.ox.ac.uk>. Latest project: Early Modern Letters Online – <http://emlo.bodleian.ox.ac.uk> redesigning the interface and adding related functionalities. Currently working on Maps & Music Card Catalogue – <http://mapsandmusic.bodleian.ox.ac.uk> - Keywords: Web design & development, HTML5, CSS3, jQuery, repositories, RDF, semantic web, Solr, Drupal.

Multimedia Designer/Programmer at Oxford Aviation Training -OATmedia

July 2005 - February 2009 (3 years 8 months)

Multimedia Designer/Programmer, development of computer based training software for pilots and general public creating graphics and interactive content for the CBT lessons. Project Leader coordinating 2-3 people on development of graphics for CBTs. Responsible for the department online shop maintenance, developed the previous version of the main company website (<http://www.oxfordaviation.net>) and was part of the committee of the new web presence for the future website. Responsible for the re-skinning of the www.oatmedia.com website, OAA website and the kick-start of the Parc Aviation website in Drupal. Creation of products adverts for magazines and newspapers and general programming. Participated of exhibitions of products developed and answered public queries during the events. Technologies used: Adobe Creative Suite software mostly Director, Flash, Actionscript, HTML, XML, RSS, CSS, Javascript, ASP, PHP, MySQL, Ajax, server installation (Apache).

Quality at Advanced Interconnect Inc.

January 2003 - April 2005 (2 years 4 months)

Converted and published existing ISO standards to ISO9000:2000. Responsible for Incoming Inspection of both copper and fibre optic products, writing of critical specifications for Incoming Inspection folders; supervision of Quality Control Inspectors and training personnel on the use of various equipment and testing methodologies. Member of the "Improvement Suggestion System Steering Committee" as Quality Representative. Internal Auditor: participating in the successful transition from ISO9002 to ISO9000:2000. Development of computer programs to speed up the data gathering to help on Quality Metrics Analysis. Responsible for design and implementation of the Global Quality Website.

Multimedia Developer / System Analyst at Ilog Tecnologia

January 2000 - December 2002 (3 years)

Develop multimedia and web projects, analysed an e-learning environment developed by the company. Using Flash, Director, Dreamweaver and Photoshop.

Multimedia Developer at Teia Multimidia Ltda

1997 - 1999 (2 years)

Development of Multimedia CD-ROMs, programming and implementation in-company. Working with Authorware and Director.

Multimedia Developer at UFSC (Federal University of Santa Catarina)

1994 - 1996 (2 years)

Development of Multimedia CD-ROMs and Simulators. Working with Authorware and training the group.

Participation in Events

Future of Web Design (London 2009), Repofringe (Scotland 2009/2010), Over the Air (London 2010), ICTF Conference (Oxford 2010/2011), DrupalCon (London 2011), Future of Mobile (London 2011), Future of Web Applications (London 2009/2011), Interaction 12 (Dublin 2012). Future of Web Design (London 2012 - May!).

Courses

Security Principles SPR, Platforms for Security PLA, Extensible Markup Language XML, Web Services WEB, Design for Security DES, Service Oriented Architecture SOA, Database Design DAT, Mobile and Sensor Networks MOB, Forensics FOR, Agile Methods AGM, Software Testing STE, People and Security PAS, Security Risk Analysis and Management RIS, Process Quality and Improvement PRO, Drupal Advanced Configuration with Views, Page Manager, Flag and Rules DrupalCon London, What You Missed When You Skipped Design School Interaction12 Dublin.

Skills

Web Design, Web Development, Photoshop, Illustrator, Dreamweaver, Python, Solr, MySQL, JavaScript, jQuery, CSS3, CSS, HTML5, Graphic Design, PHP, Quality Assurance, Ubuntu/Linux, User Interface Design, VMware, XML, RDF, Drupal, Wordpress.

Certifications

- Certified Specialist -IPC/WHMA-A-620 Requirements and Acceptance for Cable and Wire Harness Assemblies - IPC
- ISO 9000:2000 Internal Auditor
- Emergency First Aid at Work (expiry date: 2014)

Education

University of Oxford

MSc, Software Engineering, 2006 – 2012

With Software and Systems Security courses along the way; courses taken are listed above.

University of Oxford -Said Business School

Building a Business, Building a Business 2010/11, 2010 -2011

Sessions: *Taking the first steps: company basics* by Russell Smith; *Evaluating a venture idea* by Pegram Harrison; *Marketing: creating & keeping customers* by Jonathan Reynolds; *Understanding financial control* by Simon Husband; *Managing people, managing teams* by Tim Cook; *Raising capital, doing deals* by Paul Fisher; *Negotiation Skills* by Owen Darbishire; *Protecting your ideas: intellectual property* by Robert Pitkethly; *Entrepreneurship & the ideal business plan* by Fiona Reid

Universidade Federal de Santa Catarina

Bachelor, Computer Science, 1994 - 2002

Languages

English (Full professional proficiency)

Portuguese (Native or bilingual proficiency)

Italian (Limited working proficiency)

Turkish (Elementary proficiency)

Spanish (Elementary proficiency)

Countries of Citizenship

Italy

Brazil