

# Pascal Belouin

Software Engineer – UI  
Design & Information  
Architecture Specialist

**Date of birth:** 10<sup>th</sup> May 1980

**Website:** [www.belouin.com](http://www.belouin.com)

**Mobile:** 00447879710020

**LinkedIn:** <http://tiny.cc/pbelouin>

**Email:** [pbelouin@gmail.com](mailto:pbelouin@gmail.com)

**Fluent in French & English**

My specialty is interactive system design and development with a strong focus on user interface design and information architecture using agile, user-centered and test-driven development methodologies. I have been designing and developing software professionally since 2001 using technologies such as PHP (Zend Framework, CodeIgniter), Ruby on Rails, JQuery, and Flash. I have also an interest in mobile development using, amongst other things, Appcelerator Titanium or Corona.

My main research interest resides in the application of certain social scientific theories, methods and concepts to interactive system design. Please visit my blog at [www.blog.belouin.com](http://www.blog.belouin.com) for more information about this.

# EDUCATION

## **November 2007 to November 2010**

*MA in Social Sciences*

Open University, United Kingdom

## **September 2005 to September 2006**

*MRes in Human-Computer Interaction*

Lancaster University, United Kingdom

## **September 2003 to September 2004**

*MSc General Enterprise & Multimedia*

University of Teesside, Middlesbrough, United Kingdom

## **September 2002 to June 2003**

*BSc Honours Degree (2.1) International Business & Interactive Technologies*

University of Teesside

## **September 1999 to June 2001**

*DUT Informatique (equivalent to an HND in Computer Science)*

University Institute of La Rochelle

## **June 1998**

*French Baccalaureate, Physics/Biology & Mathematics stream 2<sup>nd</sup> level of excellence - mention assez bien*

Lycée Notre Dame, Niort, France.

## WORK EXPERIENCE

### **January 2009 until now**

*Information Systems Manager for the Medical Schools Council Assessment Alliance*

My role at the MSC-AA is to develop and maintain new information systems to support the team's operations. I am also responsible for defining the Information Systems strategy of this organisation. Since January 2010, I have been managing and actively participated in the design and development of a new centralised, web-based system for allowing the authoring, quality assurance and use of examination questions for all medical schools in the UK, in collaboration with epiGenesys, an agile software development company based in Sheffield.

### **October 2006 to January 2009**

*Information Architect, User Interface Designer & Lead developer for de Poel Consulting (promoted in October 2008 to Design Manager)*

My role at de Poel primarily consisted on designing and developing the second version of de Poel's flagship piece of software, e-tips, a large and complex system currently processing in excess of £200 million of temporary agency labour spend p.a. for some of the largest companies in the UK.

Written in one year by a team of 5 to 8 developers in PHP and MySQL, This system allows, among other things, the management by clients and agencies of temporary workers information and time sheets. I was also responsible for the first stages of the design and development of another system for the management of sub-contractors called sub-e.

### **May to September 2006**

*Internship at HITLabNZ (Christchurch, New Zealand) and Intranel Ltd. (Christchurch, New Zealand)*

The work performed during this internship consisted on the design of VideoScribe R2, an ontology-based Video Capture & Analysis software tool, in the framework of a user-centred design methodology. This involved a short ethnographic study, personas creation, questionnaire design and analysis as well as semi-structured interviews, cognitive walkthroughs and prototyping. The Master Thesis for this project is available on my website, [www.belouin.com](http://www.belouin.com).

**October 2005 to February 2006**

*Web Designer position at Business First, Lancaster, United Kingdom*

The work I performed for this company mostly consisted on graphic design, as well as PHP and CSS programming.

**October 2004 to March 2005**

*Web Developer position at Mavada Web Design, Chester, United Kingdom*

The work performed for this company mostly consisted on flash animation and graphic design, and has allowed me to greatly improve my graphic design skills.

**February 2004 to June 2004**

*Freelance Web Developer*

Undertook as a freelance collaboration with 13 Strides Creative, the work performed on [www.thetrystore.com](http://www.thetrystore.com), an online store for triathletes mostly consisted on interface design, information architecture, e-commerce and community engine and dynamic integration, as well as the development of a complete back office solution for the website, catalog, users, forums and orders management.

**September 2002 to June 2003**

Creation of the [www.land-to-buy.co.uk](http://www.land-to-buy.co.uk) website, as a Final Year project for the University of Teesside (project provided through the University of Teesside Centre for Enterprise), for Mr. Barry Dawson. This project involved information architecture, interface design as well as javascript and php/mysql programming.

**April 2001 to June 2001**

Placement in C programming & dynamic web integration (PHP and MySQL) at Itras interactive, Clichy, France.

*project : former [www.clairefontaine.com](http://www.clairefontaine.com) website.*

**Summer 1999**

Work as C++ developer (OWL programming for a windowed invoicing software).

# TECHNOLOGY

## Operating Systems

Windows 9x & XP, Unix, Linux, Mac Os.

## Web Development

Ruby (Merb, Ruby on Rails) PHP (Zend framework, Codeigniter), Titanium (cross-platform mobile development), ASP, CSS, HTML, JavaScript (jQuery), Haml, Sass, MySQL, MongoDB. Test-driven development (RSpec, PHPUnit), Behaviour-Driven Development (Cucumber).

## Versioning

Git, SVN, CVS.

## Databases

Relational databases (Oracle, Informix, PostgreSQL, MySQL), Document-based databases (MongoDB), Microsoft Access.

## Analysis Methods

UML, Merise, B method.

## Programming Environments & Tools

Eclipse, Textmate, Visual Studio, Rational Rose C++, Visual Paradigm, Borland Jbuilder, CodeWarrior.

## UI Design & Usability Software

Balsamiq, OmniGraffle, Morae, Silverback, Clicktale, Analytics...

## Miscellaneous

I also have a good knowledge of peer-to-peer and Client/server networks configuration (TCP/IP and DHCP protocols, DNS servers...), such as apache server configuration.