

Dominic Richard Myers BSc (Hons) MSc (Hons) AMBCS

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Summary

I'm a creative technologist with a human side and I'm adept with both server- and client-side technologies - working on code and/or design. I'm also more than happy to learn new techniques. I'm a skilled and experienced psychiatric nurse with the ability to talk and, more importantly, listen.

Education, qualifications and training

2001 – 2006 Anglia Ruskin University – **MSc (Hons) Computer Science.**

Semester 1	Semester 2
Year 1	
<ul style="list-style-type: none">Design and Implementation of Software Systems (75%)Analysis and Design of Computer Systems (89%)	<ul style="list-style-type: none">Computer Architecture (58%)Social and Ethical Issues in Computing (66%)Logic and its Applications (85%)
Year 2	
<ul style="list-style-type: none">Networked Computer Systems (75%)Systems Analysis and Database Design (62%)Development of Object Oriented Systems (69%)	<ul style="list-style-type: none">Postgraduate Independent Learning Module (48%)Intranets and the Internet (60%)Database Administration (62%)
Year 3	
<ul style="list-style-type: none">Dissertation title: "Little Bits of Changes: Comparing traditional web applications with applications built using the AJAX paradigm in the context of a module choice milieu within an academic community" Supporting site: http://www.drmsite.com/pages/ajax/ or dissertation available via Issuu or Scribd (71%)Work was also carried out on using ECMAScript to parse an OWL ontology and generate an SVG image - http://www.drmsite.com/pages/NHSTrust/	

1994 - 1998 Anglia Ruskin University – **BSc (Hons) Professional Nursing Practice, ENB Higher Award, ENB 960 Principles of Psychiatric Nursing within Secure Environments & ENB A30 Enhanced Practice in Mental Health.**

1993 - 1994 University of Sheffield – **Foundation course in Art Therapy.**

1991 - 1994 University of Sheffield – **Project 2000 Diploma Mental Health Nursing.**

1985 - 1990 Shelley High School, Huddersfield.

Year / Level	Subject	Grade
1990 / AS Level	General Studies	B
1990 / A Level	Art & Design	B
1989 / GCSE	English Language	C
	Law in Society	E
1988 / GCSE	Art & Design	B
	Biology	D
	CDT (Technology)	E
	History	B
	English Language	D
	- Oral Communication	1
	English Literature	D
	Mathematics	C
	Statistics	C
	Physics	C

Experiences/achievements

2008 [cambstREC](#) – simple site for a friend. Used Yahoo's reset-min.css and fonts-min.css in order to level the playing field amongst different browsers and [Ryan Fait's](#) Sticky Footer

in order to keep a set of links at the absolute bottom of each page, unfortunately Yahoo's fonts.css kills any attempt at W3C CSS validity. Created the logo for the site in [InkScape](#) which is also used as promotional material. Used PHP and [TinyMCE](#) to create a .txt file based editing facility after failing to teach the user [NVU](#) and having her 17 year-old son repeatedly kill the layout.

- 2007 [Fulbourn Hospital](#) – completed a 10-month secondment as Night Coordinator, working as the Duty Nursing Officer in this Cambridge psychiatric hospital. I was responsible for managing night-time operations as well as acting as a liaison to the Home Treatment Team. Crisis management is a significant aspect of the role as is the finessing of sometimes-problematic staffing arrangements. Being responsible for a whole hospital rather than a single ward was a challenging but enjoyable experience.
- 2007 [Anil Barnes](#) – updated Site using more traditional approaches and a fluid layout and incorporating SEO techniques. The number of images and the exacting requirements of the client led me to create a PHP script ([makeSquare.php](#)) which automated the creation of thumbnail images of a given aspect ratio and with a suitable background colour.
- 2006 [NECT](#) – this site for a charity uses ECMAScript to automate page element creation via DOM manipulation. It also utilizes [lightbox](#) to get greater impact from the number of sumptuous images made available by them. While the exact percentage of users who either disable ECMAScript or use browsers without ECMAScript is unclear it is generally reckoned to be between 5% and 10%, thus using ECMAScript for page element creation might mean that 1 or 2 out of every 20 users will have a less than ideal interaction with the site. I was keen; however, to further explore the abilities of ECMAScript within this context, especially as the client was unsure about the scripting capabilities of the hosting which he had purchased. In hind-sight a PHP based approach would have been better.
- 2005 [Anil Barnes](#) – Initially working as a consultant I designed this dynamic single page site for Indigo Architects. The client wanted complete visual control without resorting to proprietary technologies such as Flash. The site is optimized to work on 800×600 display resolutions without looking too cramped upon larger displays and primarily uses three slideshows created using ECMAScript to show examples of the practices' work. Significant care was taken to allow the client to update/alter the site when required; this is reflected in the [readme](#) and the general cleanliness of the code. Though Flash is notorious for not being accessible to disabled users the approach I opted for is also problematic as screen readers do not recognize changes to the structure of the page made after the page is loaded.
- 2003 - 2004 Mike Hobbs – Research assistant working on issues surrounding the semantic web and web ontology, we attended the 6th international Protégé workshop in Manchester. The research led to my fascination with ECMAScript and XMLHttpRequest (AJAX) and involved the setting up of a LAMP application stack on a dedicated server.
- 2003 - <http://drmsite.com> – is my personal site and serves as a test bed for various programming and artistic experiments:
- http://www.drmsite.com/art_architecture/ – this is a CMS which was created as a proof of concept for a commission but was never used, rather than let it go to waste it is used here as a blog. It is based upon Rodin, which doesn't seem to be supported now - I'm in the process of writing my own using SQLite rather than MySQL. I've also explored [Drupal](#) using [XAMPP](#), especially a version using [SQLite](#).

- <http://www.drmsite.com/spg/> – is an example of an online gallery but only holds a small selection of my work. More examples are available on my [dA page](#).
- <http://www.drmsite.com/pages/experiments.html> – holds various examples of my work. Should you have the adobe SVG plug-in installed on IE then I'm particularly pleased with this example of the usage of a [canal lock](#).

- 1998 - [Adrian House, Fulbourn Hospital](#) – working as a RMN on nights on Adrian House; an acute admission ward with 24 beds, based at Fulbourn Hospital. The ward admits patients aged 18-65 years for assessment and treatment from the north and south rural sectors of Cambridgeshire. The ward also has two beds that are used in the treatment of drug and alcohol problems. The philosophy of care reflects a patient-centered approach, with a strong emphasis on a robust, ward-based program of therapeutic activities. Primary nursing is the model through which patient care is organized.
- 1994 - 1997 Kneesworth House Hospital – worked as an RMN and consolidated my training within this private forensic psychiatric hospital.
- 1991 - 1992 Broomhall Community Group, Sheffield. Member of the Broomhall Community Group Executive Committee.
- 1988 - 1990 Winged Fellowship Trust, Southport and Nottingham. Worked as a voluntary care assistant with adults with a moderate to severe physical disability in a holiday centre/hotel setting.
- 1985 - 1988 Turnshaw's Special School, Huddersfield. Worked on a voluntary basis at a school for children with learning disabilities, some of whom exhibited challenging behaviours.