

Chris Stephens

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Personal Statement

Chris Stephens graduated in 2007 from The University of Manchester with a First Class Honours Degree in Computer Science and Mathematics. He is an experienced web-designer, who also has a strong intellectual ability and a wide knowledge of computing.

Chris is looking for technical web-based work involving HTML/CSS, but also an interactive element. Ideally, this would be to create web-based applications in a technology such as ASP.NET.

Education

The University of Manchester, Oxford Road, Manchester. (2004-2007) **BSc (Hons) Computer Science and Mathematics - First Class.**

- ◆ **Computer Science modules:** Java, C, C++, Graphics, OpenGL, Semantics, Game Theory, Logic, Reasoning and Quantum Computing.
- ◆ **Mathematics modules:** Calculus, Complex Numbers, ODEs, PDEs, Linear Algebra, Number Theory, Projective Geometry, Hyperbolic Geometry, Measure Theory, Knot Theory, Polynomials, and The Riemann Zeta function.
- ◆ **3rd Year Project:** A Jigsaw Sudoku Solver and Generator, implemented in Java. It was able to generate correct and valid Sudoku and Jigsaw Sudoku puzzles then solve them with clear explanations. Jigsaw Sudoku is a version of the game where there are irregular pieces rather than nine 3x3 grids.

The King Edward VI School, Cottingwood Lane, Morpeth. (1997 – 2002)

A Level: (2000–2002)
A Mathematics
B Physics
B Economics
E Further Mathematics

AS Level: (2000–2001)
C General Studies

GCSE: (1998-2000)
A*A* Double Science
A* French
A Mathematics
B English Language, English Literature, Geography,
D&T: Graphics Products, Classical Civilisation

Technical Skills

Web Design

- ◆ HTML (8 years, Expert)
- ◆ xHTML/CSS (5 years, Expert)
- ◆ ASP .NET (6 months, Basic)
- ◆ PHP (2 years, Basic)
- ◆ VBScript (6 months, Basic)
- ◆ HTML Applications (6 months, Intermediate)
- ◆ Web Standards (5 years, Advanced)
- ◆ Search Engine Optimisation (1 year, Intermediate)
- ◆ Google AdWords (1 year)
- ◆ Google Analytics (1 year)
- ◆ Adobe Dreamweaver (5 years, Advanced)
- ◆ Adobe Fireworks (5 years, Advanced)
- ◆ Adobe Photoshop (1 year, Intermediate)
- ◆ Adobe Flash (1 year, Basic/Intermediate)
- ◆ WordPress (3 years, Intermediate)

Programming

- ◆ C# .NET (1 year, Intermediate/Advanced)
- ◆ Java (3 years, Advanced)
- ◆ SAP ABAP (6 months, Basic/Intermediate)
- ◆ C/C++/OpenGL (1 year, Basic)
- ◆ SQL (1 year, Basic/Intermediate)
- ◆ Visual Studio 2003/2005/2008 (1 year, Intermediate/Advanced)

General Computer Skills

- ◆ Windows (15 years, Expert)
- ◆ Linux – Mandrake, Fedora Core, Ubuntu, Kubuntu, Knoppix (5 years, Intermediate)
- ◆ MS Office (15 years, Advanced)
- ◆ OpenOffice (3 years, Advanced)
- ◆ Hardware Knowledge – Self-built PCs, Home networking, etc. (8 years, Advanced)

Work Experience

Technical Consultant (July 2007 – present), Isograph Ltd, Warrington.

Isograph Ltd is a small software development house creating specialist software in the field of Reliability and Maintenance Engineering. It currently employs 13 staff in the UK and USA.

Responsibilities include:

- ◆ **Customer Support:** Answering customer queries regarding the installation and use of our software.
- ◆ **Web-design:** The design, development and maintenance of current Isograph websites – www.isograph-software.com, www.availabilityworkbench.com, www.hazopstudy.com.
- ◆ **Search Engine Optimisation:** Management of Search Engine Optimisation including Google AdWords and Google Analytics.
- ◆ **Graphic Design:** The design of marketing material including email newsletters, magazine adverts, Promotional CDs, packaging, etc.
- ◆ **Commercial Development:** Assisting the lead developers in all stages of the development process.
- ◆ **Internal Development:** Development of small Windows Applications for use by Isograph staff.
- ◆ **Web-demonstrations:** Demonstrating the scope of Isograph software to potential clients.

Notable achievements:

- ◆ **Isograph Website:** Completion of a complete redesign of the website resulting in a significant increase in traffic and downloads, receiving great feedback from our clients.
- ◆ **Search Engine Optimisation:** Editing website content and auditing of Google AdWords resulting in a 400% increase of conversions in some campaigns.
- ◆ **Software Releases:** Playing a significant role in the release of two new major pieces of software including testing, documentation and the development of marketing mini-sites.
- ◆ **SAP Portal:** Investigating and prototyping technologies for use in a connector between Isograph software and SAP in .NET, which is now in the process of SAP Certification.
- ◆ **Task Management Tool:** Development of an internal C# Windows application for the logging and updating of tasks.
- ◆ **Demonstration CD Front-End:** Design of a splash screen and menu for the Isograph Demo CD.
- ◆ **Internal Blog:** Installation of a WordPress blog for Isograph staff to share useful tech-related articles.

Java Programmer (July – Sept 2006), PEVE IT, University of Manchester.

The Computer Science department awarded vacation roles to high achieving students. I was assigned the task of creating a "Search Engine" for a selection of HTML e-books.

- ◆ **The Program:** Implemented in Java. It read in all HTML files in a directory, located the content div and extracted the content. It then outputted an index of all the words into an alphabetical set of HTML files.
- ◆ **Achievements:** This solved a huge problem for the group. Previously students had no methods of finding specific information than looking through the whole of the e-book.

Facilities Helpdesk (July – Sept 2005), ISS Coflex, Manchester.

Full-time summer vacation work staffing an internal help-desk for ShopDirect facilities and warehouses.

- ◆ **Logging calls:** Taking calls from staff regarding problems with buildings or equipment. Deciding on the priority of the problem and actioning corrective maintenance.
- ◆ **Teamwork:** Assisted in the general running of the office and provided assistance to other members of staff, for example, when struggling with calculations.

Mortgage Processor (July 2003 – Sept 2004), Birmingham Midshires.

Full-time gap-year job in a busy office working at various stages of processing mortgage applications.

- ◆ **Processing Applications:** The role involved thoroughly checking cases and making them ready for the next stage.
- ◆ **Contacting involved parties:** Contacting customers, agents and solicitors by phone, fax, email and post to deal with any problems.

Wider Experience

Personal Web-Design (2000 – 2008)

I have been practising web-design for many years. I would like to think that I have an original style that is very clean, stylish and not influenced by fads. This is demonstrated in the sites associated with my current job and also the sites I have produced for myself and others.

Current sites:

- ◆ **Tremtastic.com:** Personal site designed from scratch in xHTML/CSS. www.tremtastic.com.
- ◆ **DJGulch.com:** A work-in-progress site (awaiting content) for a Midlands based DJ. You can see the current design at djgulch.tremtastic.com.

Students Associates Scheme Level 1 (2005 – 2006)

The Students Associates Scheme places university students into local schools. I spent two separate weeks at Moorhead High School, Accrington assisting with and observing the delivery of mathematics.

- ◆ **Classroom Assistance:** Worked with small groups of pupils who were struggling to grasp concepts. Whilst supporting non-maths cover teachers, I assisted in explaining concepts to the whole class.
- ◆ **Delivery:** Took the "starters" for the class in a handful of lessons.

Indie Music Promotion (2001 – 2002)

Whilst in sixth form, along with two friends, I organised and promoted a number of gigs in Newcastle.

- ◆ **Responsibility:** Booking the bands, venue and PA systems, promoting the gig and selling tickets.
- ◆ **Achievements:** The most notable gig was for the top 20 band Easyworld. It was a very successful night – taking almost £1000 on the door and making us over £500 profit.

Interests

- ◆ **Current Affairs:** I like to keep up to date with economic and political news.
- ◆ **Music:** A regular gig-goer, I enjoy listening to new music especially indie, electro and acoustic.
- ◆ **Reading:** I read regularly, primarily non-fiction books. I especially enjoyed Niall Ferguson's *War of the World* and Marcus Du Sautoy's *Music of the Primes*.
- ◆ **The Outdoors:** I enjoy camping, walking and cycling in the British countryside.
- ◆ **Cooking:** A keen cook, I love trying new foods and hosting dinner parties for my friends.
- ◆ **Football:** After many years of suffering, I am now loving being a West Bromwich Albion fan!

References

Available upon request.