

# Christopher Smith

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## Profile

Software Development Graduate with 15 months commercial experience. Strong team skills learnt during military service. I have a keen and developed interest in using the very latest in web development technologies to produce effective and elegant results.

I am looking for interesting opportunities within the digital services sector, which will allow me to progress as an individual, as a developer, and as a professional.

## Qualifications

The University of Huddersfield 2009 – 2013

BSc Software Development (Sandwich Course) : Pass

Garibaldi College and Sixth Form 2006 - 2009

A Levels : 4 Grades B – D (inc. A2 Computing)

GCSE & Equivalents: 18 Grades A – C (inc. English, Maths and Sciences)

## Technical Skills

Skills	Linux./Other Applications	Microsoft Applications
VCS Strategy	Adobe Creative Suite 4	Expressions 4 Azure Web Services
IT Skills Training	Eclipse IDE	Office 365 Visual Studio Professional 2013
Agile Development	Ubuntu and Ubuntu Server	Visio 2013 SharePoint + MySite + Designer
UX Design	VMWare vSphere	Project 2013 Active Directory

  

Languages			
Java JDK 1.6	JavaScript & jQuery	MySQL	PHP
HTML 5.0	CSS3	SWI-Prolog	Unix Bash
VB	VBA	Batch Script	PowerShell Script

## Achievements & Associations

Web Design Competition 2003  
1<sup>st</sup> Prize Total Hire & Sales, Derby

British Computing Society 2009 – Present  
Member

## Dissertations, Projects and Experience

**The Modernization of Virtual Learning Environments**  
Dissertation

University of Huddersfield - 2013

This dissertation looks at current Virtual Learning Environment systems available and discusses their successes and failures.

A proof of concept is also developed to analyse various ideas of what should be in the next generation of Virtual Learning Environments which should incorporate Web2.0 principles, Modern Design Principles and utilizes modern user federation technologies.

This product utilizes an array of technologies from HTML5 to ASP.Net and Cypher; the query language for Graph Database engine, Neo4j. Hosted on a Cloud Service, this product provides a centralized solution to the problem that is the modern VLE.

**Software Development Students in ILT Departments**  
Presentation

JISC FE Summer Conference – June 2012

During the final months of my employment at Barnsley College, I was asked to speak at the JISC FE Summer Conference. It gave me the opportunity to reflect on the past year and evaluate the value I had brought to my employer and also the value my experiences at the college had brought me.

**Moodle-Live Tile - <http://bit.ly/LiveTile>**  
Project

Barnsley College – 2012

This project was commissioned jointly by the ILT and Personal & Social Development department who oversee all aspects of pastoral care for students at the college including ALS and Counselling Services. The goal was to provide a new user interface for the front of the college's VLE which would allow for better navigation and communication for students using the site.

Due to the upcoming release of Windows 8, it was decided that the design should incorporate Live Tiles which would draw from sources in, and out of the College. Since the release of this product, help tickets relating to navigation problems, have fallen by half and student awareness of department blogs doubled (indicated through analytics). The project required the use of many different languages and used the MVC model to allow for long term maintainability. Languages used include: PHP, JavaScript, jQuery, Batch, XML, HTML5, CSS3, SQL,

**LTU Support Centre - <http://bit.ly/SupportCentre>**  
Project

Barnsley College – 2012

**SharePoint Integration and Live Connect Single Sign On**  
Project

Barnsley College - 2012

As part of the college's progressive IT upgrade strategy, the college's existing SharePoint 2003 server was to be updated to SharePoint 2013. The new system required addition to the existing virtualized network, and incorporation into the college's DNS system. Further customization was required to meet the numerous requirements of the marketing department and also integration of the internal MIS systems.

Staff training and awareness was also a priority.

A further addition that was made was a Single Sign On script which federated the college's Active Directory with the Microsoft Academic User System (Live@Edu). This add-on was written in ASP.Net, founded in C# and VB and styled in HTML5 and CSS3.

## Employment History

### Frog Education Ltd

Developer  
July 2013 – Present

Frog Education provide Virtual Learning Environment, and Intranet solutions to an international audience of approximately 12 million users.

Responsibilities: - Create stable, production ready code. Identify limitations of design and specification during a project life-cycle. Consult with project owners to resolve issues. Produce robust and realistic tests cases for own others' code – take ownership of aspect of a project. Define frameworks for developers to work within. Provide mentoring to fellow developers on areas in which you have domain knowledge.

Project areas include:

- Parental Engagement
- Analytical and Assessment Tools
- Student Engagement through camouflage learning

### Barnsley College

Information Learning Technology Support Officer  
August 2011 – August 2012 (Industrial Placement)

Responsibilities: - Managing and Maintaining Virtual Learning Solutions for the College. Liaising and providing training to a number of departments across the college. Working with other departments to provide the best eLearning solutions to all students with continuing emphasis on Accessibility and Equality.

This job gave me a valuable look into the role up and coming technologies play in Education and the areas of academia that I'd never before experienced personally. Various projects and demands from other departments allowed me to try technologies that I had not previously been involved in. Progressive use of new technologies led to becoming Technical Lead for most projects within the department.

### Sherwood IT

Senior Code Analyst/Technical Advisor  
2006 – July 2013

Responsibilities: - Evaluating code for faults and quality. Liaising with the public. Consulting on new Technologies and providing training and advice to other technical staff members.

I gained a great wealth of technical knowledge from this job which has given me more interest and confidence in my chosen field. It has given me many opportunities to solve different problems and learn languages through real world examples.

Projects assisted on:

- Abacas Doors Website – Large Bespoke eCommerce Solution
- British Agility Association – National Database System

## Interests/Hobbies

Cooking  
Airsoft (Skirmish)  
Database Administration

Web UI Components  
Web Development  
Cloud Computing

Photography  
Project Management  
Speech Engines

References Available on Request...