

# **Lewis Pearson**

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## **Personal Statement**

During my Undergraduate studies I discovered a passion for web development and I've been expanding my skills in the area ever since. During my time as a developer I've focused on backend php development, but I've also recently developed an interest in front-end technologies and have been using my spare time to learn more in this area.

## **Career**

### **Loft Digital**

*Developer - June 2014 – June 2015*

*Junior Developer - October 2013 – June 2014*

At Loft I was able to work on a range of different platforms, from custom applications built from scratch using Zend and Symfony, to e-commerce sites and Wordpress. I gained a lot of experience in building web applications, maintaining a legacy codebase, unit testing and BDD as well as integrating with third party software such as the Realex payment gateway. I also had the opportunity to help build two REST Api's.

In addition to the technical abilities I developed in the role I also gained valuable skills in communicating with end users, part of my job entailed speaking with clients on a daily basis to come up with technical solutions to meet their requirements.

Main duties included:

- Developing web applications using Zend framework and Symfony
- Estimating for new work and projects
- Maintaining existing legacy PHP applications
- Bug fixing and new development
- Manual and automated testing through writing unit and Behat tests
- Developing and maintaining large MySql databases
- Basic sys admin tasks
- Working closely in a small team to develop large projects and deliver them on time in an agile environment
- Development of Wordpress plugins

### **University of Essex**

*Database Creator - June 2013 – August 2013*

During the summer of 2013 I worked as a database creator for the Academic Standards and Partnerships Office at the University of Essex as part of their work placement scheme. My job was to build from scratch three databases for daily use by staff in the department. I also completed a non-technical user guide for two of the databases so the staff were able to continue using them once my placement was over.

The placement gave me some valuable experience in project management in addition to real world database design. It also gave me a chance to develop skills in working with clients directly, assessing their requirements and communicating ongoing progress back to them.

### **Domino's Pizza**

*Delivery Driver - September 2010 – July 2013*

### **Morrisons Supermarket**

*Grocery Assistant - December 2007 – September 2009*

## **Education**

**University of Essex 2012 – 2013**

**MSc Advanced Web Engineering (distinction)**

Aspects covered on the course include:

- Web technologies such as PHP, ASP.Net and MVC architecture
- E-commerce Programming
- Relational and object-oriented databases
- Extreme Programming techniques
- Test Driven Development
- HTML 5, CSS 3, XML and JSON
- Android development

### **Dissertation**

Research in the area of Natural Language Engineering and Information Retrieval. I developed a Firefox add-on using JavaScript with a Perl backend to improve the usefulness of Google Scholar search results through clustering.

### **University of Essex 2009 – 2012**

#### **BSc(Hons) Computer Science (2:1)**

Course covered:

- Object oriented programming
- Multiple different programming languages
- Software architecture
- Project management and group work

### **Dissertation**

A php site for managing university coursework for use by staff.

### **The Plume School 2002-2009**

#### **A Levels**

History	B
ICT	C
Law	D

#### **GCSE Subject**

English	B
Mathematics	B
Science	B

### **Skills**

#### **Web Development**

- Object-oriented PHP 5, MVC and REST architecture, Xdebug
- Knowledge of Zend and Symfony frameworks
- RESTful API development using Symfony and Apigility
- PHPUnit and Behat, TDD and BDD
- Git, Github and SVN
- Experience with Wordpress and Wordpress plugin development
- JavaScript, CSS, HTML
- Basic understanding of SASS, front-end methodologies like BEM
- Grunt and Gulp task runners
- Basic Sys Admin knowledge, Linux and Ant build scripts

#### **Databases**

- Experience with SQL, IBM DB2 and MS Access.
- Query optimisation, database design and normalisation
- MongoDB

#### **Communication and Team work**

- Worked daily on team based projects where communication between UX staff, project managers and clients was the key to success
- Experience dealing directly with clients and integrating with third parties
- Helped Document internal processes at Loft Digital for use by developers and project managers

### **References**

Available on request.