

# James Wiseman

## Contact Information

**Address:** Located in Edinburgh, Available upon request.

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**Web Page:** http://www.jameswiseman.com

**Nationality:** British

**Date of Birth:** Available upon request

**Driving License:** Full & clean.

## Personal Profile

I am a Software Engineer with 10 years' experience of detailed Software Development, Software System Design and low level Software Testing. My work has encompassed development of Web-Based applications in .NET, Classic ASP and PHP, with JavaScript and jQuery. I have experience in database technologies in SQL Server, Oracle and MySQL and development of windows applications in C#, Visual C++ and Delphi.

I possess a good knowledge of the software life cycle and have developed software under environments with both formal and informal development processes. I have also been responsible for the implementation and on-going improvement of development best practices at all companies for which I have worked.

I have a website on which I maintain a personal blog, and present photographs. The photography section is written in PHP and MySQL, and the site is self-sustaining through pay-per-click advertising.

## Academic Profile:

**Sept 1995 – June 1999** University Of Bath

**BSc (Hons) Computer Information Systems 2.2**

**Final Year Project:** *A demonstration of sorting algorithm efficiency.*

This Windows based application was specifically designed to be a teaching aid for university lecturers and it allowed the user to animate sorting algorithms and compare the sort speed by running them simultaneously. The project was awarded a mark of 79%. The project was coded using object oriented methodologies and used multi-threaded and MDI techniques. The application executable for this project can be found on my web site (<http://jameswiseman.com/aa.php>)

## **Current Skills**

- C#, ASP.NET
- ASP, HTML, XML, XSLT and JavaScript
- Object Oriented Programming and Methodologies
- SQL Server and Oracle PL/SQL
- Visual C++ and MFC
- PHP and MySQL
- Software Life Cycle
- Software Versioning (SVN, PVCS & SourceSafe)
- Testing and Quality Control.

## **CAREER PROFILE:**

**January 2009 – Present**

**Royal London Group**

**Technical Designer**

I am currently a Technical Designer for the projects division at the Royal London Group. My responsibilities include:

- Advise on technical and application design
- Orchestrate the design review process
- Assist with departmental improvement initiatives
- Implementation and maintenance of development best-practices, including coding standards and peer-review processes.
- Framework specification and implementation
- Environment and application support
- Development of solutions in Classic ASP, ASP.NET, SQL Server, SSIS and VB6.

**Aug 2006 – January 2009**

**Royal London Group**

**Analyst Programmer**

Prior to my role as Technical Designer, I was an Analyst Programmer, also for the projects division at the Royal London Group. My responsibilities included:

- Development in ASP and VB6
- Development in Oracle PL/SQL and SQL Server
- Writing of technical documentation, including specifications, unit test plans and support hand-over documents.
- Membership of the Technical Design Authority Group with the ability to approve project design plans.
- Development of the group HTML, JavaScript and ASP coding standards from scratch and responsibility for their maintenance.
- Development of UI standards, and investigation of issues regarding accessibility standards.
- Participation in peer reviews and mentorship of best coding practices.
- Development and maintenance of an auto-code generation application to provide a direct interface between ASP and PL/SQL.

**Sept 2003 – Aug 2006**

**Pilgrim Systems PLC**

**Software Engineer**

Pilgrim systems supplies software and IT services to legal practices across the UK. My responsibilities included:

- Software development in Visual C++.
- Writing of SQL scripts for Microsoft SQL Server.
- Web page development using ASP and VB script.
- Code maintenance and resolution of errors.
- Development of the software installation package in Installshield Developer.
- Documentation of requirements, impact analysis, design and unit tests.
- Participation in quality assurance processes and contributing to continual process improvement and retrospectives.

**March 2000 – Sept 2003**

**EDS UK Defence Ltd**

**Software Engineer**

I worked on two projects during my employment at EDS. The first was an MoD sponsored real-time data processing system for detecting biological and chemical warfare. The software on which I worked interpreted and displayed data from an array of biological, chemical and meteorological sensors. My responsibilities included:

- Full time software design and development using Visual C++, MFC and UML.
- Developing of System Software and Sensor Simulation Software.
- Integration testing of software with hardware at sub contractor sites.
- System and Acceptance testing of software under client scrutiny.
- Evaluation of the suitability of Rational test tools for the project.
- Construction and maintenance of a reference system to mimic target hardware.
- NT administration, policies and networking.
- Devising and running system test schedules.

The second project was an MoD sponsored database application developed in Visual Basic using MS Access and SQL Server. My responsibilities included:

- Software development in Visual Basic.
- Evaluation and implementation of new database access techniques.
- Evaluation of enhancement requests.
- Requirements capture.
- Presentation of software to clients.
- Installation and configuration of upgrades.
- Configuration management.
- Enforcing and implementing Quality Control initiatives.
- Participation in peer reviews and code-walkthroughs.

**June 1997 – Sept 1998    Head Software International    Software Developer**

Prior to my final year at University I worked at Head Software International (HSI) for fifteen months. HSI are a small software house specialising in bespoke database applications and electronic publishing. My responsibilities included:

- Developing database conversion programs.
- Developing custom database applications in Delphi.
- Developing web databases using C++.
- Preparing and presenting customer training.
- Writing user manuals.
- Assisting with customer support.