An enthusiastic and flexible individual with a proven background in technical computing. Looking for opportunities which sit at the intersection of technology, business and design.

**JOHN WALLEY**

I take satisfaction from the interpretation and visualization of data. I'm also on mission to automate anything repetitive, error-prone or time-consuming.

CONTACT

EXPERIENCE

PRODUCT MANAGER

*Redgate / 2015 - Present*

Helping to grow ReadyRoll - a better way to develop databases in Visual Studio.

+44 7729263820

*john@walley.org.uk*

*www.walley.org.uk*

EXPERTISE

SOFTWARE ENGINEERING

C#, Javascript, MATLAB, CUDA, d3.js, AngularJS, Android, build & deployment tools

COMMUNICATION

Proven ability to adapt presentations to the technical level of the audience and comfortable presenting to large groups

PRODUCT MANAGEMENT

User Interviews, analytics, backlog management

TECHNICAL SALES

Familiar with the sales process, practiced in uncovering customers’ underlying pain points, and experienced in developing relationships as part of responsive customer service

SOFTWARE ENGINEER

*Redgate / 2014 - 2015*

Solving production database deployments for users of the most popular release management tools.

DEVELOPER

*Sungard / 2012 - 2014*

Contributing to the scalable and extensible framework which underlies a high-performance risk analytics service. Projects included a tracing just-in-time compiler enabling clients to run C# financial models on GPUs.

FREELANCE

*Various / 2011 - 2012*

Designing and implementing algorithms for human motion capture using low-cost inertial sensors, e.g. accelerometers and gyroscopes. Developing a bespoke trading tool for an independent trader.

EXPERIENCE

HIGH PERFORMANCE COMPUTING DEVELOPER

*Fidelity / 2010 - 2011*

As a core member of the newly founded applied research and technology team I was instrumental in designing, implementing and introducing quant-based methods to the wider organization.

MSC IN MATHEMATICAL MODELLING AND SCIENTIFIC COMPUTING

*University of Oxford*

*2002 – 2003*

Modules included mathematical modelling, numerical linear algebra, numerical optimisation and distributed computing for computational finance. Dissertation explored the numerical solution of magnetic fluid flow.

EDUCATION

BA IN MATHEMATICS

*University of Cambridge*

*1999 – 2002*

Emphasis on applied mathematics, statistics and theoretical physics.

APPLICATION ENGINEER

*MathWorks / 2008 - 2010*

Working directly with customers to understand their technical and business challenges. Acting as the main point of contact for customers evaluating and using MathWorks parallel computing tools in the UK.

RESEARCH SCIENTIST

*QinetiQ / 2004 - 2008*

Assessing and improving warship stealth, sensor fusion, and cutting-edge tracking algorithms.

RESEARCH ASSISTANT

*Newcastle University / Summer 1998 & 1999*

Data analysis and modelling of a mass spectrometry experiment in Fortran. Joint author of a paper; 'Hyperfine-resolved spectrum of the molecular dication DCL2+'

INTERESTS

Rowing, coxing and coaching at my local rowing club.