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**

Relentless in his mission make the understanding and visualization of data a key part of his work.

CONTACT

EXPERIENCE

TRAINEE PRODUCT MANAGER

*Redgate / 2014 - Present*

Improved awareness and increased usage of a newly acquired database deployment tool.

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<www.walley.org.uk>

EXPERTISE

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.

SOFTWARE ENGINEERING

COMMUNICATION

PRODUCT MANAGEMENT

TECHNICAL SALES

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.

EDUCATION

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*

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.

BA IN MATHEMATICS

*University of Cambridge*

*1999 - 2002*

RESEARCH SCIENTIST

*QinetiQ / 2004 - 2008*

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