

JOHN WALLEY

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.

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

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EXPERTISE

SOFTWARE
ENGINEERING

COMMUNICATION

PRODUCT
MANAGEMENT

TECHNICAL SALES

EDUCATION

MSC IN MATHEMATICAL
MODELLING AND
SCIENTIFIC COMPUTING
University of Oxford
2002 - 2003

BA IN MATHEMATICS
University of Cambridge
1999 - 2002

EXPERIENCE

PRODUCT MANAGER
Redgate / 2014 - Present

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

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.

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.

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.