JONATHAN M. WALLER

Date Of Birth: 18th August 1983

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> **Jonathan Waller is an adaptable, proficient software developer in a wide variety of languages and methodologies. He sets and achieves high standards consistently, enjoying self-development and learning new things. Jonathan is a strong team player, works well under pressure and is consumer-focused.**

EXPERIENCE

Sept 2008 - Ongoing — **Tanos.co.uk**, Japan

From September 2008 onwards, I have been working full time as a public school teacher in Japan, and working on my own computing projects in the evenings. (C#, Java, PHP)

- LifeMapper - A web based application to predict potential passions based on your input. Maps the items you have input to related items and creates a "passion map" to derive new experiences you would be skilled in or passionate about. Uses the Wikipedia graph.
- WisdomTool - Uses common-sense data from MIT's open mind project to make educated guesses about items in our world. Not an inference engine. Creates new knowledge with a high probability of accuracy.

Jul 2007 - Sep 2008 — **Hidden on request**, Tokyo, Japan

Technical lead. Application and PayPal Integration (C#, PHP, MySQL)

- Start-up company. Technical part of a two person team. Company received venture capital funding.

Jul 2007 - Sept 2008 — **Design Assured**, Hertfordshire, United Kingdom

Web Development, Progamming and Project Management (PHP, MySQL)

- Built a recruitment website for experts skilled in SAP technologies.
- Companies and agencies could search for experts that met their requirements and availability dates and contact them, while keeping Design Assured informed for billing purposes.
- Small and large clients including LogicaCMG, Infosys, Deloitte Consulting, Honda and Orange.
- Managed an extra developer and graphic designer.

Jan 2006 - Sept 2007 — **PHWT**, Clerkenwell, London

.NET Application and Website Development (C#, ASP.Net, MCMS)

- Created and maintained high-traffic content managed intranet and Internet sites for clients including George Wimpey, Laing Homes, Mazda, Jaguar and Land Rover.
- Developed with C# following an Agile methodology. Used Sharepoint, MCMS, IIS, Active Directory and ASP.NET.

July 2005 - Jan 2006 — **AceMarine Ltd**, Fife, Scotland

Freelance Development (C#, DirectInput, OpenGL)

- 3D physical solid-body simulation for novel hydrofoil design. Patent application planned.
- Corresponded with customer by phone, e-mail and on-site visits.

Aug 2005 - Oct 2005 — **Freyer Recruitment**, Kent

Web development (C#, ASP, MSSQL)

- Worked on heuristic web-based CV-matching package for job applicants and recruitment consultants. Over 130,000 users signed up.

EDUCATION

Oct 2007 - Mar 2008 — **The Yamasa Institute**, Okazaki, Japan

Advanced Intensive Japanese Programme

- Followed a balanced course practising Japanese reading, writing, speaking and listening.
- Took units to prepare for level 2 of the Japanese Language Proficiency Test. (Business fluency)

2004-2005 — **The University of Manchester**

MSc Advanced Computer Science with ICT Management

- Final Project: Modular visualisation and analysis tool for Atomic Force Microscopy. (C# / C)
- Led group of five through intensive week-long development of eBay-style book trading web

application. Discovered teamwork is more than dividing work, but can be a remarkable force if done right. (PHP / Oracle)
- Included units in IT Business Strategy, E-Commerce and Automated Decision Support.
- Qualified for specialisations in both Software Engineering and Advanced Applications.

2001-2004 The University of Reading

BSc Computer Science - 2.1 Achieved
- Included units in Business, Law and Ethics.
- Final Project: Multi platform OpenGL Online Collaborative Environment. (Java - Eclipse / VB)
- Corresponded with manager from Heathrow Airport to perform system analysis for planned air-traffic control upgrade. (Led group of six.)
- Developed teamwork and project management skills.

1994-2001 Beacon Community College, Crowborough

| 2001 | A-Levels: Computer Science (A), Modular Physics (C), Maths (C), Further Maths-AS (C) |
| 1999 | GCSEs: 11 Subjects (1 x A*, 2 x A, 3 x B, 3 x C) (Inc. English, Maths and Science) |

LANGUAGES
- English - Native speaker. Skilled technical writer and improving creative writer.
- Japanese - Post-GCSE; enthusiastically working towards JLPT 2 (Business fluency)

COMPUTING SKILLS

I am **experienced** in the following languages:

Active Server Pages	Work on commercial database-backed web applications. PayPal integration, administration tools and helped with CV matching heuristics.
C	Variety of programs, including some which use OpenGL. Created software to drive external "twinkling light" unit.
VC++ / C++	Formal training within undergraduate degree. Created a small (16x16 pixel!) Tetris clone.
C# / .NET	Created 3D marine physics simulation and extensible inter-atomic distortion research tool.
Pascal (Delphi)	Many programs including: Open-Source gesture recognition and camera-based robot AI.
HTML / XML / XHTML / CSS	Enthusiastic web publisher. Work on personal and commercial multi-language web sites. Likes playing with APIs.
Java	Created multi-language 3D collaborative environment. Loves Eclipse.
JavaScript / VBScript	Created many scripts, including fractal generation and a JavaScript chat interface. Likes AJAX, but checks things with a screen reader.
PHP	Over 10 years experience. Created an multiplayer text-based game and custom Tidy-style HTML cleaner. Likes regular expressions. Automated payment and download through PayPal IPN.
Visual Basic	Many programs including: ASCII art generator, landscape generation and voice controlled agent.

Key Skills:

Project Management / Teamwork	I enjoy the challenge of setting and achieving high goals through a hands-off, leadership approach, trust in one's colleagues, open communication, quality control and division of work by interests and ability. I believe myself to be a team player.
Planning and Organising	Created web system for managing and prioritising pending tasks. Likes to be on top of things, even if not in field of expertise. I set aside time each week to reflect on progress and plan goals.
Problem Solving	I love a meaty problem to get my teeth into. Technically proficient with an eye on the overall picture. Suggested improvements to patent-bound hydrofoil design. (AceMarine Ltd, 2005)
Personal Effectiveness	Set up habits for personal development in health, language learning and computing skills. Eye on long term goals with quick turnaround for short-term tasks.
Research	Involved in six month research and development project for MSc degree. Effective and thorough approach to solution finding. Not afraid to seek out who knows.
Philosophy	Strong belief in the competency and motives of all. I enjoy the challenge of explaining solutions to non-technical users, wholly and in an accessible way. Tell me why I'm wrong and I'll grow.

HOBBIES AND INTERESTS:
Skiing, Freehand Sketching, Musicals, Cunning Technology, Usability/Accessibility, Something New.