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# Michael Clark

## Curriculum Vitae

### Computer skills

Programming	PHP, C#, Java, C++, ML, ASM, Verilog	Web	XHTML, CSS, JavaScript, XSLT, RSS
CMS	Sitecore, Drupal, Wordpress, phpBB	Server	MySQL, MSSQL, Apache, Sqliite
Applications	MS Office, L <sup>A</sup> T <sub>E</sub> X, Photoshop	Versioning	SVN, SourceSafe, cvs

### Education

- 2008 to 2011 **University of Cambridge, Queens' College**, Computer Science.  
Difficult but very rewarding. Being exposed to the whole breadth of Computer Science.
- Sep 2005 to Jun 2007 **Sixth form, The Ashcombe School**.  
A-levels: Mathematics (A), Further Mathematics (A), Physics (A), General Studies (A)  
Advanced Extension Award: Mathematics (Distinction)  
UKMT Senior Maths Challenge: Gold Award, Best in School  
The Ashcombe Prize for Excellence in Mathematics 2007
- Sep 1999 to Jun 2005 **Secondary education, The Priory School**.  
GCSE: Mathematics (A\*), Business Studies (A\*), English (A), English Literature (A),  
Science (AA), History (A), Music (A), German (C)  
GCSE short-course: Information & Communication Technology (A\*), Religious Studies (A\*)

### Employment

- 2010 to *present* **Freelance, PT OnDemand**, [ptondemand.com](http://ptondemand.com), PHP, XHTML, CSS, MySQL, Amazon CloudFront, PayPal.  
Personal training resource utilising CDN video delivery and PayPal payment. Clients stated "Michael has basically resurrected our site. We had many problems with another developer. . . Michael came in and has finished it. . . The quality of the site to us is fantastic."
- Summer 2009, Sep 4, 2007 to Aug 6, 2008 **Web Developer, Premier Media Group**, London.  
Created semantic XHTML pages utilising JavaScript. Designed graphics and stylesheets. Delivered dynamic content using Sitecore CMS (XSLT and C#). Additional contract work in Summer 2009 to simplify subscription systems and add tagging functionality.  
*22 Chapter Street, London, SW1P 4NP*
- Dec 2006, Jun 30, 2007 to Jan 26, 2008 **Sales Colleague, Currys**, Dorking.  
Directly marketed and sold electronics to a variety of customers. Increased confidence through direct sales experience.  
*123 South Street, Dorking, Surrey, RH4 1AL*
- Oct 2004 to Apr 2006 **Supermarket Assistant, Waitrose**, Dorking.  
Responsible for the frozen-food section on Thursday evenings and Saturdays. Improved communication skills by completing team orientated goals.  
*Waitrose Ltd, 48 South Street, Dorking, Surrey, RH4 2HQ*

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## Work experience

- Jul 17, 2006 to Jul 21, 2006 **Application Developer**, *Injasuti Ltd*, Home, Horley.  
Created all the initial aspects of a recruitment application; required knowledge of browser-based deployment, design and programming for the web.
- Jun 30, 2003 to Jun 4, 2003 **IT Technician**, *East Surrey College*, Redhill.  
Replaced peripheral parts and optimised old Windows NT systems.  
*East Surrey College, Gatton Point North, Claremont Road, Redhill, Surrey, RH1 2JX*

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## Interests

- computing Programming, design and writing; enjoy contributing to open-source projects in my spare time; learning about security, coding and optimisation techniques.
- reading Widely read, currently enjoying Douglas Hofstadter and Edward Tufte.
- rowing High commitment to Queens' College Boat Club while at Cambridge. Massively improved fitness and achieved blades (+6) with the Queens' M1 first boat in February.
- music Played guitar since 2001 and enjoy improvising with other musicians, especially at university. Keyboard/piano at a rudimentary level but a keen interest in music theory. Performed recently at Emmanuel June Event playing guitar with the band Black Sheep.

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## Notable projects

- 2010 to *present* **Graphical Designer**, *Queens' Ents*, [Photoshop](#), [PHP](#), [XHTML](#), [CSS](#).  
Committee member for QEnts, a weekly social night that attracts over 300 people from around Cambridge. Developing business skills, improving design abilities.
- 2007 to *present* **Owner**, *Strength Level*, [strengthlevel.com](#), [PHP](#), [XHTML](#), [CSS](#).  
Processes data to produce strength level calculations through a standards-driven interface. Used to gauge physical development at the gym.
- 2005 to *present* **Lead Developer**, *Solar Empire*, [solarempire.com](#), [PHP](#), [XHTML](#), [CSS](#), [Perl](#), [MySQL](#), [C](#), [C++](#), [RSS](#).  
Creator of the System Wars Solar Empire distribution, a browser-based strategy game originating from 1999, and administrator of the entire open-source SourceForge project and forum. Development is on hold while academic study and employment takes precedence.
- 2010 **Web Manager**, *The Tab*, [Cambridge Student Paper](#), [PHP](#), [XHTML](#), [CSS](#), [WordPress](#).  
Ensuring the consistent operation of the popular Cambridge newspaper. It is online only, running on a WordPress back-end. Responsible for supporting journalists and creating their ideas; organising an assisting sub-team of two web developers.
- 2009 to 2010 **Webmaster**, *Queens' College Boat Club*, [PHP](#), [XHTML](#), [CSS](#), [Moderation](#).  
General updating of web-content and moderating mailing lists. Web-page development and systems testing for the second largest indoor rowing competition in the UK — this involved real-time display and storage of data from 14 ergs.
- 2009 **Web Developer**, *Newnham College JCR*, [PHP](#), [XHTML](#), [CSS](#), [Drupal](#).  
The internet hub for Newnham College, Cambridge: it informs over 400 students about current events and provides additional information for applicants.
- 2009 **Webmaster '09**, *One World Week*, [oneworldweek2009.org.uk](#), [PHP](#), [XHTML](#), [CSS](#).  
Internet presence to celebrate cultural differences and push for positive world change.
- 2003 to 2010 **Additional Examples**.  
Please see my personal homepage [mjac.co.uk](#) for more projects.