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DOB 1988-08-27

Michael Clark

Curriculum Vitae

Education

- 2008 to 2011 **Computer Science**, *Queens' College*, Cambridge.
Currently undertaking studies at the University of Cambridge; last year included Mathematics and Physics modules in addition to the Computer Science.
- Sep 2005 to Jun 2007 **Sixth form**, *The Ashcombe School*, Dorking.
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*, Dorking.
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

- Summer 2009, Sep 4, 2007 to Aug 6, 2008 **Web Developer**, *Premier Media Group*, London.
Created semantic XHTML pages for a variety of purposes utilising JavaScript to increase usability. Designed internet graphics and style-sheets to attract users to specific areas of the website. Delivered dynamic content using the content management system Sitecore through 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. Improved presentation and increased confidence through direct sales experience and high expectations of customer service.
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

Computer skills

web-related	XHTML, CSS, XSLT, XPath, SVG, RSS	CMS	Sitecore, Drupal
programming	PHP, C#, C, C++, ML, Java	versioning	SVN, CVS, SourceSafe
document	L ^A T _E X, BibT _E X, DocBook	scientific	Asymptote, Mathematica, Derive
scripting	JavaScript, Flash	server	MySQL, Apache, MSSQL, Sqlite

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

Interests

- computing Programming, web-design and writing articles; enjoy contributing to open-source projects in my spare time; learning about security, coding and optimisation techniques.
- reading I adore most modern classics, especially books that show the world in a different light. Intelligent non-fiction is always interesting.
- fitness Rowing and coaching for Queens' College Boat Club while at Cambridge. Regular gym attendance for strength and fitness training with the goal to improve my rowing performance. Martial arts including Jujitsu and Taekwondo.
- 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. Listening to various genres such as jazz, rock and classical.

Notable projects

- 2009 to *present* **Webmaster, Queens' College Boat Club**, XHTML, CSS, Administration.
Responsible for updating web-content and moderating mailing lists.
- Nov 2009 **Technical Lead, Queens' Ergo Competition 2009**, PHP, XHTML, CSS, USB/network setup.
Web-page development and systems testing for the second largest indoor rowing competition in the UK. Data from fourteen ergometers was stored and displayed in real time over eight races.
- Summer 2009 **Joint creator, Newnham College JCR**, PHP, XHTML, CSS.
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.
Helped create the website for Cambridge One World Week 2009, an event to celebrate cultural differences and push for positive change in the world.
- 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.
- 2004 to *present* **Owner, Homepage**, mjac.co.uk, PHP, XHTML, CSS, XML, RSS, MySQL.
Responsible for creating content and writing software to power my personal homepage. Involved creating a custom PHP library including classes for authentication, caching and database abstraction.