

James Nicholls

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Contact details available upon request.

Profile

Computer Science graduate from Balliol College, Oxford. Hobbyist web developer, keen traveller.

My programming aptitude has been demonstrated by award-winning undergraduate projects; my final year project won the Gloucester Research Prize for Best Project in Computer Science, and IBM awarded my 2nd year project group first prize for our network monitoring tool. I co-authored a paper on the topic of network traffic visualisation, and presented it at Eurographics UK 2013.

Experience

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| 2012–present | Internet Services Developer, Netcraft Ltd.
Currently I work at Netcraft as a full-stack developer, maintaining web interfaces to large datasets and performing web application penetration tests. Technologies used: Git, Puppet, MySQL, PHP, Perl, AngularJS. |
| 2013–2014 | Computing Officer, Balliol College
I was an active member of the JCR and was employed by the college as Computing Officer. This role involved maintaining IT hardware, providing support to students and liaising with the JCR committee and university IT managers. |
| 2008–2008 | Website Maintainer, Web-Feet.co.uk Ltd.
I worked at Web-Feet during year 10 work experience and was later hired for the summer vacation in a technical role, designing and maintaining websites using PHP and ASP.NET. |
| 2006–2008 | Hardware Maintainer, Medatech UK Ltd.
I was employed to give technical support and recommission retired hardware. |

Education

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| 2011–2014 | Balliol College, University of Oxford
BA Hons. Computer Science (2.I) |
| 2009–2011 | Barton Peveril Sixth Form College
A2: Computing (A*), Electronics (A*), Mathematics (A*), Further Maths (A)
AS: Physics (A) |

Publications

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| Sept 2013 | NetVis: A visualization tool enabling multiple perspectives of network traffic data
Nicholls, Peters, Slawinski, Spoor, Vicol, et al.
<i>EG.UK: Theory and Practice of Computer Graphics</i> |
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