

## Curriculum Vitae

### Personal data

Name: Graham Sills  
Address: Wood House, 2 Shepreth Road, Barrington, Cambs, CB22 7SB  
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Website: <http://www.mountainledges.co.uk>  
Date of Birth: 15/02/84  
Nationality: British  
Marital Status: Married

### Education

Higher  
2010 University of Cambridge.  
Joint paper with Dr Tom Fisher entitled  
*Local solubility and height bounds for coverings of elliptic curves.*  
2006–2010 PhD thesis entitled *Height Bounds for n-Coverings*  
(in Computational Number Theory).  
Dept. of Pure Maths and Mathematical Statistics.  
2007–2009 Talks given in Cambridge and at international conferences.  
2007 *Smith-Rayleigh-Knight* prize for research.  
2006–9 Research Scholar, Trinity College.  
2005–2006 MMath (Part III) with *Distinction*.  
Part III essay: *2-Descent on the Jacobian of an Elliptic Curve.*  
2004–6 Senior Scholar, Trinity College.  
2003–4 Junior Scholar, Trinity College.  
2002–2005 BA Hons in Mathematics.  
*Classes I, I, II:1* (Parts IA, IB, II).  
Lower  
–2002 Felsted School.  
–2002 Entrance Scholar (50 percent).  
–2002 *Grade A* in: Further Maths, Maths, Physics and Latin.

### Employment and Work Experience

2016–present Senior Developer, Luminance.  
2012–2016 Senior Developer, Neurence.  
2011–2012 Technical Producer, Aurasma.  
2010–2011 Algorithms Developer, Autonomy Systems.  
2006–2010 Pure Maths Supervisor of 2nd and 3rd year Mathematics  
undergraduates at Trinity College.  
2005 Research project on Modular Forms with Toby Gee,  
Imperial College, London.  
2002 Randall Surveys - Assistant surveyor.  
2001 Colchester Archaeological Trust

### Professional Skills

Computer Languages: C++, Perl, Java, Objective C, Python, Bash, HTML, MAGMA.  
Working knowledge: Linux, Eclipse, L<sup>A</sup>T<sub>E</sub>X, Spreadsheets, Word processing, etc.  
Current role: Algorithms researcher and developer.  
Previous roles: Software researcher.  
Technical specialist in Aurasma demonstrations.  
Technical coordinator of the Aurasma graphics team.

**Other Skills**

Clean Category B Driver's Licence.

Times Listener crossword setter.

Conversational French, Intermediate Norwegian.

**Other Interests and Achievements****8-Ball Pool**

2009 and 2010 Trialist for the England Universities team.

2005–2010 Member of the Cambridge University Varsity team.

2008 Cambridge University Captain and BUSA bronze medalist.

**Rowing**

2006 Winner of Lowe Double Sculls.

2004–2006 Trinity 1st VIII (Lents and Mays)

2003–2005 World Class Start Talent ID programme.

2003 and 2004 Attended GB Team Trials.

2004 Rowed in Granta at the Henley Boat Races.

**Real Tennis**

2009–2010 Cambridge University 2nd Team.

2009– Technical advisor on the Tennis and Rackets Association

Handicaps and Rankings Sub-committee.

**Other Captaincies**

2014–present Invoke Capital Cricket Team.

2010–2014 Hopbine A 8-ball Pool.

2006–2008 Trinity College MCR Cricket.

2004–2005 Trinity College Chess.

2003–2005 Trinity College 8-ball Pool.

2003–2004 Trinity College Squash.