

# James Fisher

Date of birth      5<sup>th</sup> October 1987  
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## Skills

- **An understanding of algorithmics and a comfortableness with formalism.** I am familiar with Big-O notation. I enjoy playing with and implementing algorithms for their own sake. I have an interest in formal verification, which is the topic of my MSc individual project.
- **An impeccable grasp of the English language.** I write for pleasure, and enjoy communicating ideas with flair, clarity and concision. I believe this is a prerequisite of being an effective programmer.
- **An eye for aesthetics, design, and presentation.** I adore understated typography, functional communication, and interactive design. I not only apply these principles to documents I produce for print and for the web, but apply graphical and spatial thinking to general problem-solving.
- **Problem-solving and strategic thinking.** I will thrive in an intellectually challenging workplace. I strive to eliminate routine tasks.
- I have I.T. experience of the following, with varying familiarity:

Systems langs. (C, C++, Go, D)	Scripting langs. (Python, PHP)	Functional langs. (Haskell)
Javascript, CoffeeScript	jQuery, jQuery UI	Server-side Javascript (NodeJS)
HTML5, CSS3, XML, JSON, <i>etc.</i>	MVC (Django)	Revision control (git, svn)
Testing (xUnit, TDD)	SQL, MySQL, PostgreSQL	Photoshop, The GIMP, Inkscape
TEX, L <sup>A</sup> TEX	OpenOffice, MS Office	Linux, Windows
Networking (small-scale)	Misc. sysadministration	

## Education

Oct. 10–Sep. 11	Master of Science degree in <b>Computing Science</b> at <b>Imperial College London</b> . Provisional <b>distinction</b> in exams. Individual project (‘Verifying concurrent indexes’) in progress.		
2006–9	Bachelor of Arts degree, with <b>first-class</b> honors, in History, at the <b>University of York</b> . Dissertation: ‘a retrospective survey of artificial sensory mechanisms’.		
2004–6	Achieved the following A-levels:		
	<b>Grade</b>	<b>Subjects</b>	<b>Institution</b>
	A	History, Computing, General Studies	Colchester Royal Grammar School
	B	Physics, Mathematics, Art and Design	CRGS (Art and Design at Grey Friars)
2002–4	Eleven GCSEs at <b>Colchester Royal Grammar School</b> .		

## Previous work and achievements

2006–present	Director and Secretary of Lexden Montessori Ltd., overseeing, among other things: <ul style="list-style-type: none"><li>• Web design and maintenance (<a href="http://www.lexdenmontessori.com/">http://www.lexdenmontessori.com/</a>)</li><li>• Market research and advertising</li><li>• Administration and secretarial duties</li></ul>
2010	Branding for Pembroke House ( <a href="http://www.pembrokehouse.sc.ke/">http://www.pembrokehouse.sc.ke/</a> ), a Kenyan prep school.
2010	Branding and web design for Harambee Schools Kenya ( <a href="http://www.hsk.org.uk/">http://www.hsk.org.uk/</a> ), a charity building schools around Gilgil in rural Kenya.
2009	Developing an internal database-driven system for managing care homes and CSCI reports for Caring Homes Ltd.
2008	Various responsibilities at Caring Homes Ltd., including: accountancy and financial planning, due diligence, insurance of plant, and remote I.T. support
2004–6	I.T. technician at Colchester Royal Grammar School
2004–5	Membership in a Young Enterprise company, qualifying with a distinction

## Personal

I enjoy exercising (going to the gym, and failing that, going for long runs). I love hours walking and enjoying pints with friends.

I also have several solitary hobbies. I draw and paint, having executed many commissions. I read overly difficult books. I love infographics, typography, and typesetting, and I enjoy critiquing such things on my blog.

In time past, I've traveled Europe via inter-rail with a group of friends, and I would one day love to travel abroad with my girlfriend, teaching English as a foreign language.

*This document is available at <http://eegg.github.com/cv/>.*