

James Fisher

Date of birth 5th 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 ^A TEX	OpenOffice, MS Office	Linux, Windows
Networking (small-scale)		

Education

2010–Sep. ’11	Master of Science degree in Computing Science at Imperial College London . Provisional distinction in exams. Individual project (‘Verifying concurrent indexes’) in progress.		
2006–9	Bachelor of Arts degree, with first-class honors, in History, at the University of York . Dissertation: ‘a retrospective survey of artificial sensory mechanisms’.		
2004–6	Achieved the following A-levels:		
	Grade	Subjects	Institution
	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 Colchester Royal Grammar School .		

Previous work and achievements

2006–present	Director and Secretary of Lexden Montessori Ltd., the family business. In these roles I have overseen, among other things, <ul style="list-style-type: none">• Business planning. From the outset I have been involved in the company's expansion and direction of growth. I understand the requirements and challenges of a small business.• Market research and advertising in multiple media (print, web, radio, and others). I have learned, by success and failure, how to think from a customer's perspective.• Administration and secretarial duties. The follies of schematizing, sorting, and cross-referencing paperwork led me towards the real power of the computer.• Web design and maintenance for http://www.lexdenmontessori.com/.
2010	Branding for Pembroke House (http://www.pembrokehouse.sc.ke/), a Kenyan prep school.
2010	Branding and web design for Harambee Schools Kenya (http://www.hsk.org.uk/), 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
2005	First prize in a sixth-form art competition
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/>.