

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++, D)	Scripting langs. (Python, PHP)	Functional langs. (Haskell)
Javascript, CoffeeScript	jQuery, jQuery UI	Server-side Javascript (NodeJS)
HTML5, CSS3, XML, JSON, &c.	MVC (Django)	Revision control (git)
Testing (xUnit, TDD)	SQL, MySQL, PostgreSQL	Photoshop, The GIMP, Inkscape
T _E X, L ^A T _E X	OpenOffice, MS Office	Linux, Windows
Networking (small-scale)	Java	Misc. sysadministration

Education

Oct. 10–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
	A	History, Computing, General Studies
	B	Physics, Mathematics
	B	Art and Design
	Institution	
	Colchester Royal Grammar School	
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	Grey Friars Adult Community College	
2004–5	Membership in a Young Enterprise company, qualifying with a distinction	
2002–4	Eleven GCSEs at Colchester Royal Grammar School.	

Previous work

2006–present	Director and Secretary of Lexden Montessori Ltd., overseeing, among other things: <ul style="list-style-type: none">• Web design and maintenance (http://www.lexdenmontessori.com/)• Market research and advertising• Administration and secretarial duties
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	At Caring Homes Ltd., developing an internal database-driven system for managing care homes and their CSCI reports
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

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/>.