James Fisher

Date of birth	5th October 1987
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Skills

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 quickly tire of routine tasks and strive to eliminate them.

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.

I have I.T. experience of the following, with varying familiarity:

Systems langs. (C, **C++**, D, Java)	Scripting langs. (**Python**, PHP)	Functional langs. (Haskell)
Javascript, CoffeeScript	**jQuery**, jQuery UI	Server-side Javascript (**NodeJS**)
HTML5, CSS3	MVC (Django)	XML, JSON, *&c.*
Revision control (**git**)	Testing (xUnit, TDD)	SQL, MySQL, PostgreSQL
Photoshop, The GIMP, **Inkscape**	TEX, LATEX	**OpenOffice**, MS Office
Linux, Windows	Networking (small-scale)	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	Institution
A	History, Computing, General Studies	Colchester Royal Grammar School
B	Physics, Mathematics	〃
B	Art and Design	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:
- 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/.