

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:

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|--------------------------------------|--------------------------------|---------------------------------|
| 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 T _E X | OpenOffice, MS Office | Linux, Windows |
| Networking (small-scale) | Misc. sysadministration | |

Education

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| 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, Art and Design | CRGS (Art and Design at Grey Friars) |
| 2002–4 | Eleven GCSEs at Colchester Royal Grammar School . | | |

Previous work and achievements

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| 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 | 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/>.