James Fisher

Date of birth	5th October 1987
Address	52 Frithville Gardens, Hammersmith, London, W12 7JN
Email address	jameshfisher@gmail.com
Mobile tel. no.	07951 498 897

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, *&c.*	MVC (Django)	Revision control (**git**, svn)
Testing (xUnit, TDD)	SQL, MySQL, PostgreSQL	Photoshop, The GIMP, **Inkscape**
TEX, LATEX	**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,

- **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/.