

Alexander Dutton

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Education

Higher education

Studying in my third year for an MCompSci in Computer Science at Keble College, University of Oxford.

Modules studied so far include:

- Formal Program Design
- Databases
- Intelligent Systems
- Compilers
- Functional, procedural and object-oriented programming
- Models of Computation
- Linear algebra and multivariate calculus

Employment and experience

Maplecroft Ltd

Software Intern, July – September 2007

- Developed a survey framework written in Python with Django for a contract with a large international organisation.
- Liaised directly with the client to improve usability and to address feature requests and bugs.
- Gained experience in agile real world application development, from design through to deployment.
- Worked in a small team and was able to contribute knowledge and a new perspective to existing processes.

Web development and design

- Keble Arts Week – <http://www.kebleartsweek.co.uk/>
- Oxford University Chess Club – <http://users.ox.ac.uk/~chess/>

Skills

Programming languages

- C
- Java
- Oberon
- Haskell
- Visual Basic 6.0
- Python
- PHP
- ActionScript 3.0

Web development frameworks, and mark-up and query languages

- Strict HTML 4.01 and XHTML 1.0
- CSS 2.0
- SQL
- Django
- XML
- LaTeX

Other skills and responsibilities

- I have been treasurer and am now webmaster of the Oxford University Chess Club, and am on the committee of the Computer Society.
- I have helped out with numerous open days, showing around prospective students and answering questions. I have been on the interview team two years running, which involved looking after applicants, making sure they made it to interviews on time, and being on hand to be helpful.

Interests

- I am a strong believer in Open Source and keep abreast of developments within the community. At home I run Fedora 8 providing an Apache webserver, an Asterisk server and MythTV.
- I enjoy camping, hiking and early-morning swimming.