

Robert McQueen

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Date of Birth: 6th October, 1983
Nationality: British
Driving License: Full, clean

Education • **University of Cambridge**, Corpus Christi College, 2002-2005.
BA (Hons) Computer Science. Final result: II.1

Dissertation Title: *Creating, Reverting & Manipulating Filesystem Changesets on Linux*. A wrapper program was developed which monitored the system calls made by any given executable. A changeset is created by logging the changes made to the filesystem, and any files which are to be modified or deleted are preserved before the change is allowed to proceed, so that all changes can later be reverted or applied to another similar system.

Awarded Caldwell-Taylor Scholarship by Corpus Christi College for 1st Class Result in Part IB.

- **Kings Monkton School**, Cardiff, 2000-2002.
A-levels: Maths, Further Maths, Physics, Chemistry, Biology, Computing (AAAAAA).
- **Kings Monkton School**, Cardiff, 1995-2000.
GCSEs: 7A*s, 2As, 1B.

Work Experience • **Summer 2004** Aleph One Ltd, Bottisham, Cambridge. Contracted out to work with Psion on a port of Linux to the Netbook Pro hand-held device, using the Gtk+-based GPE palmtop environment. Responsible for managing up the OpenEmbedded build system for generating ROM images, integrating new software into the builds, and locating and correcting defects throughout the system.

- **Summer 2002** Radiology Department, University Hospital of Wales, Cardiff. X-ray film storage, cataloguing and retrieval.
- **Summer 2001** Hotlinks Internet Services Ltd, London. Created a management system for deploying and controlling User-Mode Linux virtual hosts running Debian GNU/Linux. Worked as a system administrator on servers running Slackware Linux.
- **Summer 1999** IT Department, University Hospital of Wales, Cardiff. Technical support, computer installation, and some Delphi development work.

- Skills*
- Proficient at programming using C, Java, Perl, PHP and SQL. Familiar with standard ML, ARM assembler and Verilog HDL.
 - Experienced with Linux systems administration, particularly on Debian GNU/Linux, including database, web and mail servers.
 - Familiar with creating user interfaces in Gtk+ and Java's Swing, and using the UNIX system API.

- Positions of Responsibility*
- 2004-2005: Technology Officer, Corpus Christi College May Ball Committee. Created ball web site with on-line ticket sales, and implemented a barcode-based ticket collection and admission system.
 - 2002-2005: Webmaster, Corpus Christi College JCR. Maintained the web site for the college student body, including redesigning the on-line room ballot system (using PHP and MySQL) to allow students to log in and choose their rooms in turn.
 - 2002-2005: Undergraduate Computing Officer, Corpus Christi College. Responsible for system administration of college web and student servers, running Debian GNU/Linux, and technical support for student users.
 - 2000-2001: Finance Director and (later) Managing Director, school Young Enterprise company. Sold t-shirts and framed prints of cartoons.

- Other Interests*
- Developer on the Debian GNU/Linux project. Maintain various packages for inclusion with releases, including Gaim (instant messenger client), gift (filesharing daemon) and unison (file synchronizer).
 - Long-standing contributor to the Gaim project, which produces a Gtk+-based instant messenger client for Linux and Windows systems.
 - Rowing with Corpus Christi College Boat Club. Represented the college multiple times in the Fairbairn cup races and university Lent and May bumps, in both the 1st and 2nd Men's VIII's.
 - Grade 6 on both piano and clarinet, and grade 5 in music theory. Played tenor saxophone for 5 years with "Jazz News", the Cardiff County & Vale of Glamorgan Youth Jazz Orchestra.
 - Merit in English Speaking Board's Advanced Certificate in Spoken English.

- References*
- **Dr. D. J. Greaves**, Corpus Christi College, Cambridge, CB2 1RH. (Former Director of Studies)
 - **Mr. Laurie van Someren**, Aleph One Ltd, The Old Courthouse, Bot-tisham, Cambridge, CB5 9BA. (Managing Director, Aleph One Ltd)