

# Chris Boyle



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Cambridge, UK

## Availability

- Not looking to change employment.
- This information is current as of March 2010.

## Skills

- Programming languages: recent experience in **C++**, **Java**, **Perl**, **Python**; also proficient in C, JavaScript, PHP, bash.
- Website development and maintenance (XHTML, CSS, Python, PHP) with experience in **standards compliance** and **cross-browser compatibility**.
- Linux system administration (Apache, iptables, DHCP, MySQL).

## Commercial Experience

2006/08-present: Software Engineer at [Zeus Technology](#)

- Development of **application traffic management** software in **C++**, UI in **Perl**.
- Activities **from design through to support** on all areas of the products.
- Major involvement in **event handling features**, **geolocation**, cryptographic hardware support (**nCipher NetHSM**).

2004/07-2004/09: [HeadRED Media](#) (through [STEP](#))

- Built an **online bespoke suit shop** using **PHP and MySQL**.
- Several similar projects for HeadRED intermittently to 2005/05, part-time.

## Education

2002-2006: [University of Warwick](#): **Computer Science MEng, 2.i**

- Fourth year **group project using Extreme Programming**: pub food ordering using **Java** (Micro and Standard Editions) and **Bluetooth**.
- Third year **individual project**: dual-interface calendar using **C++ and MySQL**.
- Second year **group project**: supermarket checkout system.
- Modules on: software engineering, networking, HCI, database systems, graphics, automata, parallel algorithms, neural networks, AI and project management.

1997-2002: [Winchester College](#)

- **5 A-level A grades** in Mathematics, Further Mathematics, Physics, Chemistry, German.
- STEP Mathematics II grade 2, 2 AS-levels, 7 GCSEs including Mathematics A\*.

## Other Qualifications

- Full UK driving license, own car.

## Volunteer Experience

Current main spare time project: [Puzzles on Android](#), a port of an existing puzzle collection in C to Java, using [JNI](#).

Various contributions to widely-used free software, for example:

- Improved IMAP support in [fetchmail](#); Eric S Raymond [said](#) I "did a good job of documenting and wrote an implementation that is very clean and easy to understand."

#### 2003-2006: [University of Warwick Computing Society](#)

- 2005/07-2005/10: Worked on an **event signup system** for a (postponed) rewrite of the CompSoc website using **Python**, XHTML and [Plone/Zope](#).
- 2004: Elected as Technical officer.
  - **Maintained the society's Linux servers.**
  - **Co-ordinated the technical team** which provides gaming sessions, LAN parties and the society website (including a wiki).
  - Created and maintained **Perl and bash scripts** for tasks such as linking LAN party signup information to the DHCP server used at the events.
  - Provided **support and communication**, both online and in person, to a membership of over 200 for all society services, including web hosting for other societies.
- 2003: Elected as Linux User Group liaison.
  - Assisted **communication** between the LUG, the society and the university.
  - **Organised events** such as guest lectures and installation help sessions ('installfests').
  - Helped to run the LUG website.
  - **Gave training seminars** on the use of Linux.

#### 2002/11-2004/09: EveryBuddy

- Wrote and maintained the [EbQt](#) user interface in **C++ with Qt**.

#### 2002/01-present: [Debian GNU/Linux](#)

- Current maintainer of 5 packages.
- Handled **bug reports** and **integration with other software**.

#### 2001/07 (2 weeks): Arjo Wiggins Basingstoke IT department

- **Redesigned the trouble-ticket system** using Lotus Notes and JavaScript.
- Assisted with **technical support and installation**.

#### 2001/01-2002/07: The Wykehamist (school magazine)

- Created and maintained the magazine's website (no longer online) with an **article indexing and display system** in PHP.

#### 1999/09-2002/07: Winchester College

- Maintained the school's collection of mirror sites (no longer online).

## Other interests

My other interests include singing, playing the piano, sailing and ice-skating.