

CHRIS CUMMINS

<http://chriscummins.cc>

chrisc.101@gmail.com

EDUCATION

Aston Univeristy

Birmingham, UK

MEng Electrical Engineering and Computer Science, 2014 (*expected first class degree*).

- Algorithms and data structures
- Distributed application design and development
- Object Orientated design in Java
- Telecommunications and networking

Birkdale School

Sheffield, UK

A Levels in Electronics, Maths and Physics, 2010 (AEC).

GCSEs in Maths, Dual Science, English Lit and Lang, Electronics, Classics, Music, Spanish (ABBABA*AAC).

PROFESSIONAL EXPERIENCE

Intel Corporation

London, UK

Open Source Developer Intern

20012 - 2013

Developed Linux middleware for the GNOME desktop and Wayland. Debugged kernel GPU drivers in assembly and C. Specialised graphics programming for low level Open GL libraries and toolkits, as well as in-browser 3D graphics using JavaScript and HTML5 canvas/WebGL. Rapid prototyping on Android handsets, working with wireframes and mockups generated by a design team.

Self-employed

Sheffield, UK

Web developer

2010 - Ongoing

Working with small business clients to turn ideas into a finished website, including graphic design and branding. Extensive frontend experience in JavaScript using jQuery and Bootstrap, and backend development using Clojure, PHP, MySQL, PostgreSQL, Node.js, and Jekyll.

Rolls Royce Holdings PLC

Derby, UK

Work placement (1 week)

2008

Oakleaf Graphic Designers

Derbyshire, UK

Work shadowing (1 week)

2006

NOTEABLE ACHIEVEMENTS

- **Open Source contributions.** I will always seek to contribute to open source projects where possible, having patches in the Linux kernel, GTK+, sqlkorma, along with open sourcing my own x86 kernel, rotating backup software, and genetic algorithms in JavaScript.
- **Academic Awards.** I participated in the Engineering Education Scheme of England, and am an Arkwright Scholar. I was awarded an AES SEAL Design Innovation Award for a 3D CAD design of a car wheel.
- **Musician.** As a drummer I have played in a number of venues from London's Queen Elizabeth Hall to a week's tour of Paris. I have a series of online drumming videos with over 180,000 views. I built an independent recording studio in which I engineered and produced several EPs and an L.P., available on iTunes.
- **Charitable work.** I fundraise for Nepalese schools and leprosy charities, and have taught English as a foreign language in Kathmandu and surrounding villages.