

CHRIS CUMMINS

<http://chriscummins.cc>

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EDUCATION

The University of Edinburgh

MSc by Research, Pervasive Parallelism (*ongoing*).

Edinburgh, UK

2015 (*expected*)

Aston University

MEng Electrical Engineering and Computer Science (*First Class Honours*).

Birmingham, UK

2014

Birkdale School

A Levels in Electronics, Maths and Physics.

GCSEs in Maths, Science, English, Classics, Music, Spanish, Electronics.

Sheffield, UK

2010

2008

PROFESSIONAL EXPERIENCE

Intel Corporation

Open Source Developer Intern

London, UK

2012 - 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

Web developer

Sheffield, UK

2010 - Ongoing

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

Rolls Royce Holdings PLC

Work placement (1 week)

Derby, UK

2008

Oakleaf Graphic Designers

Work shadowing (1 week)

Derbyshire, UK

2006

NOTABLE ACHIEVEMENTS

- **Open Source contributions.** I always seek to contribute to open source projects where possible, having patches in the Linux kernel, GTK+, sqlkorma, GNOME, and many open sourced projects of my own, including an x86 kernel, rotating backup software, and genetic algorithms in JavaScript.
- **Academic Awards.** Institute of Engineering & Technology Prize (2014), Arkwright Scholarship (2009), Engineering Education Scheme of England (2009), AES SEAL Design Innovation Award (2008).
- **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.