CHRIS CUMMINS

http://chriscummins.cc

chrisc.101@gmail.com

EDUCATION

The University of Edinburgh   Edinburgh, UK
MSc by Research, Pervasive Parallelism *(ongoing)*.   2015 *(expected)*

Aston University   Birmingham, UK
MEng Electrical Engineering and Computer Science (*First Class Honours*).   2014

Birkdale School   Sheffield, UK
A Levels in Electronics, Maths, and Physics.   2010
GCSEs in Maths, Science, English, Classics, Music, Spanish, and Electronics.   2008

PROFESSIONAL EXPERIENCE

Intel Corporation   London, UK
Open Source Developer Intern   2012 - 2013

Developing Linux middleware for the GNOME desktop and Wayland. Debugging 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 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   Derby, UK
Work placement (1 week)   2008

Oakleaf Graphic Designers   Derbyshire, UK
Work shadowing (1 week)   2006

NOTABLE ACHIEVEMENTS

- **Academic Awards.** Institute of Engineering & Technology Prize (2014), Arkwright Scholarship (2009), Engineering Education Scheme of England (2009), AES SEAL Design Innovation Award (2008).

- **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.

- **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.