

Rob Brew

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Introduction:

I have completed a Master's in Advanced Computer Science at Kent University. I am waiting for my dissertation to be graded as well as my final module. My average grades so far put me on for a merit. I'm based in London.

- I am an LPI Certified Linux engineer. I am adept at Java and C++, as well as web page design and MySQL.
- At University I was the student representative for the Advanced degree. In this capacity I created homework club for which the Advanced degree mentored the conversion degree Master's students.
- My GitHub portfolio is at rydal.github.io. I have created what i hope will become two web standards for accessing GPS over WiFi in places where GPS signal is unavailable or poor.
- My Dissertation was a 6K+ lines of code back-end server for submitting Linux device driver configurations and a front end program to allow users to install said drivers using a graphical interface in place of the command line.

Skills

- **Linux:** Nginx, active directory, bash scripting, samba, raid, Apache, NFS, DNS servers, I'm running a distributed Git core server using Raspberry PI clones.
- **Java:** Java servlets, Java applications, applets, graphics, JDBC. Android development.
- **C++:** Coding for Linux, the GTK graphical kit and QT graphical kit.
- **Web Based:** Good knowledge of HTML, CSS, JQuery and JavaScript including AJAX.
- **Also:** MySQL, AWS and Digital Ocean servers (self managed).

Qualifications:

- MSc, Advanced Computer Science. Kent University. 2016-2019. Course completed (Waiting for grades, currently a Merit).
- Linux Professional Institute (LPI) Linux Engineer. 2017.
- Linux Professional Institute (LPI) Linux Administrator. 2016.
- BSc (Hons) Computer Science. Open University. 2011 – 2014. 2:2. 68.75%.

Work Experience:

- **Homework club mentor:** A paid role at the university of Kent assisting standard stream Computer Science Master's students with their projects. 2017-2018
- **War Resisters International:** Sysadmin for the organisation maintaining Linux client and server systems 2015- Present
- **Community Technology:** Working within a team doing the following: Linux Sysadmin, Bash scripting, computer repair 2014-2015

- **Festival welfare services:** We offer a safe place to people under the influence of drugs and alcohol 2009 – present.
- **Mind peer support:** running sessions for people with mental health difficulties. 2010 - 2012