**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