

## INTERNSHIP POSTING

### California Document Preservation Project (CDPP) Programming Intern

The CDPP is a project that will build a system to harvest documents created by the agencies and departments of the government of the State of California, collect them for cataloging by California State Library staff, and process them for long-term digital preservation using the LOCKSS system.

The programming intern will serve as the technological lead to install and configure software developed by researchers at UIUC (and used by several states) to harvest digital documents and to develop tools for catalogers throughout the State to collaboratively catalogue the items. Working with the project leaders, the intern will develop a web-based system for California State Library catalogers to rename and process files for digital preservation via the LOCKSS system.

*Minimal skills required:* facility with the LINUX operating system; proven experience with Fedora, Apache, CVS, and PERL; ability to install and configure software; Web and database programming skills; ability to work and solve problems independently; proven communications skills; proven ability to document code and work processes; ability to commit to project for a minimum of three months (longer preferable).

*Desired qualities:* time management skills; proven programming experience with Apache plug-ins and software tools such as GD graphic tools, TreeTagger, CVS ChangeLogBuilder, XMLFile OAI-PMH Data Provider, and wget.

While we cannot offer a salary during the proof-of-concept period, but the project leaders have been encouraged to apply for grants from the State once the system is operational and plan to hire the intern should we receive any grant. In return for your hard work we provide useful references to potential employers and have done so in the past for previous interns. Past library programming interns have worked at Google and at Yahoo upon graduation.

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