The Computer Science Instructional Laboratory (CSIL) is Hiring New Staff

Job Description: Technical and user support staff for the Computer Science Instructional Laboratory

We are looking to hire first or second year undergraduates interested in providing a production service for Computer Science laboratories and general users of our Macintosh and Linux facility.

This is an exciting time to work at the Lab as we are looking to review current and develop new services in the Crerar Library CSIL facility, now serving significantly increased numbers of users.

Work Activities include:

Develop skills in Software Development and System Administration such as problem solving for hardware polling and asynchronous client-server interactions, and building software in Python, JavaScript, NodeJS, and Bash. We create our own utilities tailored specifically for our dynamic context, and regularly face challenges in fields ranging from systems programming to web design.

Providing friendly and supportive user help for application and hardware use on our Mac Pro OS X and Ubuntu Linux workstations through regular service-desk shifts.

Conducting on site and remote administration and maintenance of over 90 floor machines. This includes keeping software updated and working, checking for hardware failures, etc. We also run a number of services that are available for lab use such as machine status monitoring, and others which are available to the public such as open seat availability and website.

Teaching short technical courses on popular software and tools such as Unix, emacs, LaTeX, MATLAB, R, Photoshop, Computer Security, and others.

Qualifications include:

Willingness to commit to at least two years of working for the Lab so as to allow for growth into more advanced lab administration and to make original software contributions. We expect tutors to quickly learn daily operations and then to continue to grow in their levels of contribution and responsibility. We are looking for regular staff also able to work the full 10 week Summer ’15 quarter.

Friendliness towards and willingness to help users from novice to sophisticated.

Established programming abilities or strong potential. These skills are needed for operating, maintaining, and creatively upgrading our Lab services. The development and maintenance of the key Macintosh OS X imaging administration in need of new staff. Interested applicants are encouraged to apply.

Languages and environments currently in use are: Python, JavaScript, PHP, MySQL, SQLite, shell scripts (mostly bash), Mac OS X, Linux (Ubuntu), and others. Experience with system administration and VMs is a plus.

Ability to work ~15 hours/week according to a fixed weekly schedule.

This position is eligible for work-study.

How to apply:

Send an email to William Sterner, Director, at bill@uchicago.edu with your resume including your technical experience and a statement of why you are interested in being on the staff at CSIL.