
STUDENT EMPLOYEE JOB DESCRIPTION

JD# 646 LCDI

Supervisor: Joseph Williams
Department: LCDI
Position Type: Federal Work-Study Program Part-Time Student Employment

JD#: 646 LCDI
Job Level: 3
Pay Rate: \$11.10
Workday Job Title: LCDI Research Assistant II Student Employee Level 3

Posted Job Title: LCDI Research Assistant II for The Senator Patrick Leahy Center for Digital Investigation (LCDI)

Job Description: Work on LCDI projects which includes digital forensic research cybersecurity and project development activities. Candidates will be expected to be very attentive to detail and ready to analyze/research and present technologies that may be new to them. The identification of problems and offering solutions is a critical aspect to the success of each project. Students will be expected to gather and analyze information skillfully; develop alternative solutions; work well in group problem solving situations. Candidates for this position should be capable of performing research into new and emerging technology in the digital forensics and/or cybersecurity fields. They should also be able to use digital forensic and/or cybersecurity tools appropriated to their research or the ability to find the necessary tools. This position will routinely work directly in training and leading LCDI Research Assistant I students.

The Research Assistant II duties will include but not limited to the following tasks:

- Will conduct and collaborate with others on basic research relevant to long-term objectives and concerns
- Develop research protocol
- Diagnose and solve problems, install applications software as related to research needs.
- Perform studies as related to research project
- Draft and write expert reports and blogs on research project.
- Perform digital forensic and cybersecurity analysis
- Conduct literature searches.
- Conduct routine research laboratory activities.
- Operate hardware and software equipment in support of research and development
- Responsible for producing research experimental results, and information results.
- Effectively document findings and results to produce a detail project paper, with tutorials
- Produce high quality oral and written work product presenting complex technical matters clearly and concisely
- Form and articulate expert opinions based on analysis
- Ability to determine effective and efficient strategies to coordinate and accomplish tasks
- **Attend the bi-weekly team sprint meeting.**
- Other duties and responsibilities may be assigned by LCDI Research Assistant Supervisor and/or LCDI Leadership

Required Qualifications:

- 2-3 years of experience as an undergraduate student in the ITS division and/or of relevant and related work.
- Successfully completed FOR240 or currently enrolled
- Knowledgeable or experienced with digital forensic and/or cybersecurity techniques and the most commonly used toolsets.

- Basic computer network administration experience
- Strong writing and communication skills

Additional Preferred Qualifications:

- Working knowledge of virtual environments
- Creative problem solving abilities
- Ability to perform highly detailed work
- Ability to work independently with minimal direction
- Ability to anticipate and respond to changing priorities

How to Apply: Interested applicants should complete an application online: <http://bit.ly/LCDIapplication>

Approximate Hours per Week: ~6/8 hr/week

Job Location: Miller Center at Lakeside Avenue Campus

Qualified candidates will also be expected to attend a mandatory LCDI Town Hall and staff one LCDI event (i.e. Open Houses, Tech Jam, etc). In order to successfully accomplish the goals of this position, it may be necessary for the student to adjust his/her schedule to accommodate meetings with team members (i.e. monthly training and/or meetings).