
STUDENT EMPLOYEE JOB DESCRIPTION

JD# LCDI

Supervisor: Joseph Williams
Department: LCDI
Position Type: School Credit

Pay Rate: Internship
Workday Job Title: Technical Intern II - Research Assistant

Posted Job Title: Technical Intern II - Research Assistant for the Senator Patrick Leahy Center for Digital Investigation (LCDI)

Job Description: Students obtain practical experience in a real-world, hands-on forensics setting while applying knowledge learned from coursework. With on-site supervision, students will work 80/120 hours in a technology-related role within an organization. This course is designed specifically for freshmen or new students who have been hired by the Leahy Center for Digital Investigation (LCDI). This position will give exposure to fundamental s of digital investigation, cybercrime and cybersecurity principles. Assist on LCDI projects which include 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. Students will be expected to help gather and analyze information skillfully; develop alternative solutions; work well in group problem solving situations. Assignments are based on your particular expertise and the immediate needs of the LCDI. This position is considered entry level. The Technical Intern II - Research Assistant duties will include but not limited to the following tasks:

- Streamlining LCDI digital forensics/cybersecurity lab processes
- Help with routine research laboratory activities.
- Assist in the operate hardware and software equipment in support of research and development
- Provide information for reports and blogs on research project.
- Responsible for producing research experimental results, and information results.
- Effectively document findings and results to produce a detail project paper, with tutorials
- Will conduct and collaborate as part of a team, on basic research relevant to long-term objectives and concerns
- Analyze internet-based software to determine the impact on a computer system.
- Participate in development of tools and capabilities in support of the forensic examination process.
- Review, update and/or make recommendation on LCDI policies.
- Review digital forensics and cybersecurity policies and procedures to produce written, oral and video reports on improvements and/or recommendations to the digital forensics/cybersecurity community.
- Requires technical proficiency in the use of forensics tools and/ or networking tools, such as EnCase, FTK, Wireshark, LINUX, virtual environments etc.
- Other duties and responsibilities may be assigned LCDI Research Assistant Supervisor and/or LCDI Leadership

Required Qualifications:

- **Minimum of 8/12 hrs during a given business week (M-F 8a-8p) in blocks of no less than 4 hrs per shift**
- Basic computer experience
- Good writing and communication skills

Additional Preferred Qualifications:

- Creative problem solving abilities
- Ability to perform highly detailed work
- 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/LCDIJobApplication>

Approximate Hours per Week: 8-12

Qualified candidates will also be expected to attend a mandatory LCDI Town Hall, staff one LCDI event (i.e. Open Houses, Tech Jam, etc), and participate in shifts at the LCDI front desk. 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).

Job Location: Miller Center at Lakeside Avenue Campus