



Cyber Flashover is a 10-week paid summer internship program hosted by Los Alamos National Laboratory to prepare college students for careers in cyber security.



IMPORTANT DATES:

- Dec 1: Application due
- Jan 31: Offers sent out

ELGIBILITY REQUIREMENTS:

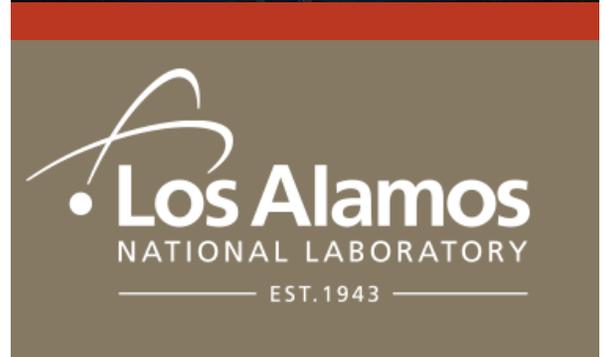
- US citizen
- Junior, Senior, or Master's student
- Computing or related science major with programming experience

Send CV and cover letter to:

cyberflashover@lanl.gov

For more info:

cyberfire.lanl.gov/flashover



CYBER SECURITY INCIDENTS ARE HAPPENING

In 2015, the Office of Personnel Management was breached, exposing personal information on 22 million current and former federal employees.

The incident went undetected for 343 days.

In the same year, thieves collected tens of millions of dollars in fraudulent tax refunds from the IRS using stolen credentials and exploiting knowledge-based authentication systems.

It is still uncertain how long the attackers were doing it.

In response to the growing threat of cyber attacks, Cyber Flashover will train students to respond effectively to cyber security incidents, and prepare them for cybersecurity careers.

Students will learn the necessary concepts and skills for cyber incident response:

- **Host Forensics**
- **Network Archaeology**
- **Malware Analysis**



In addition to classroom training and lectures, students will spend most of their time working with a mentor on a small team project.

They will also have the opportunity to present their work at the 2017 LANL Student Symposium.

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Schedule

WEEKS 1-3

- Morning lectures on core fundamentals of cyber security
- Afternoon projects to reinforce concepts learned in class

WEEKS 4-9

- Break into small teams and work on a selected project
- Occasional morning lectures on advanced topics

WEEK 10

- Symposium presentations
- Cyber Spark CTF event

