

NICE Webinar Series

NATIONAL INITIATIVE FOR CYBERSECURITY EDUCATION



Cybersecurity Career Opportunities with the Federal Government

November 13, 2019

GET INVOLVED

Join a national movement to elevate and expand the conversation around the positive impact in building the cybersecurity workforce in America.

Securely Provision

Protect and Defend

Investigate



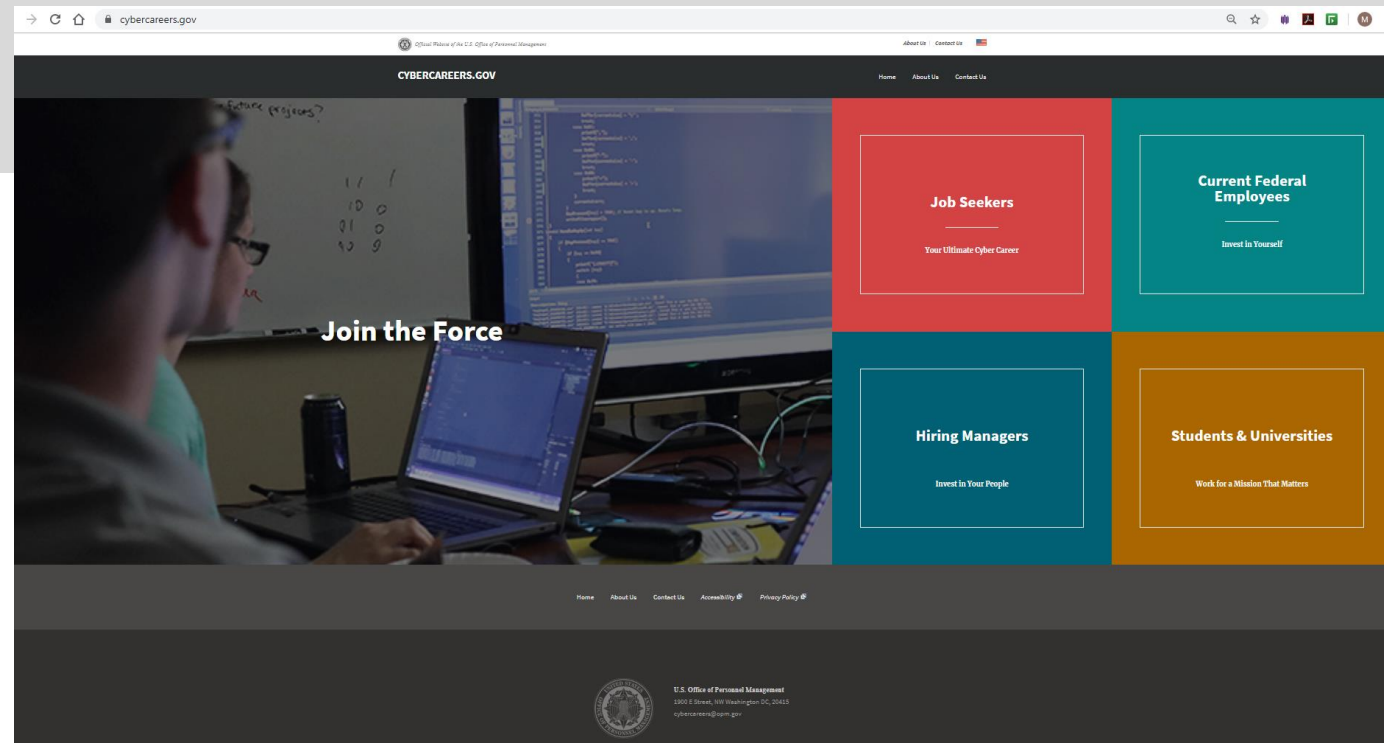
National Cybersecurity Career Awareness Week

NOVEMBER 11-16

nist.gov/nice/nccaw

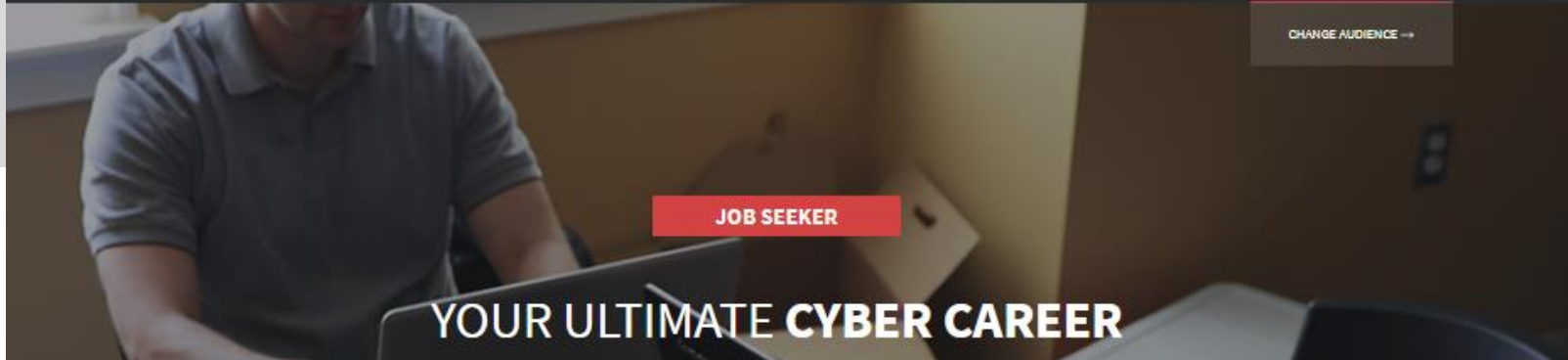
Poll

CyberCareers.gov



→ **CyberCareers.gov** is a platform for Cybersecurity **Job Seekers**, **Federal Hiring Managers** and **Supervisors**, **Current Federal Cybersecurity Employees**, **Students** and **Universities**.

→ It offers consolidated access to tools, resources, and a guide to the Cybersecurity workforce within the Federal Government.



JOB SEEKER

YOUR ULTIMATE CYBER CAREER

Featured Cybersecurity Job Openings

The Federal Government is Hiring! Learn about current job openings

DEPARTMENT OF HOMELAND SECURITY

IT Cybersecurity Specialist (INFOSEC)

18 Jul, 2019

Please Note! This is an open continuous announcement for 337 days, or until all positions are filled. It will be used to fill immediate and future...

MORE

DEPARTMENT OF HOMELAND SECURITY

Supervisory Information Technology Specialist (INFOSEC)

20 Sep, 2019

This is an open continuous

DEPARTMENT OF HOMELAND SECURITY

IT Cybersecurity Specialist (Enterprise Architecture)

22 Oct, 2019

You qualify for the GS-12 grade level (starting salary \$83,398) if you possess the following four competencies: Attention to Details: ensure...

MORE

DEPARTMENT OF HOMELAND SECURITY

Information Technology Specialist (INFOSEC)

20 Sep, 2019

This is an open continuous announcement for 365 days, or until

DEPARTMENT OF TRANSPORTATION

Public Notice for Authorized Cybersecurity Positions

3 Apr, 2019

All positions, dependent upon grade/band levels being filled, may require some level of related specialized experience or education. Please review...

MORE

DEPARTMENT OF HOMELAND SECURITY

Student Trainee (IT Management)

1 Oct, 2019

Pathways Internship Eligibility You must have a minimum 2.5 GPA and

Top Reasons to Work for the Federal Government

Learn why working for us is a smart choice.



Work for a Mission that Matters



Challenge Yourself



Access Innovative Training & Development Programs



Get the Total Package



Get a Life



Get an Education



CYBERCAREERS.GOV

Federal Employees
Main

Training &
Development

Collaborate
with Others

Know Your
Benefits

Explore
Opportunities

You are browsing as:
FEDERAL EMPLOYEES

CHANGE AUDIENCE →

FEDERAL EMPLOYEES

INVEST IN YOURSELF

Invest in Yourself

Training and Development

Take Advantage of Training and Development Opportunities

As a Federal cybersecurity employee, you are an important part of the Federal family.

As you do your day-to-day work, there are a variety of training and development resources to support your desire for continuous learning and growth and opportunities for honing your expertise.

Did you know you have amazing cybersecurity training resources literally at your fingertips? Check out the comprehensive online resources available.

The National Initiative for Cybersecurity Careers and Studies (NICCS) offers premier online resources for cybersecurity training.

- [Federal Virtual Training Environment \(FedVTE\)](#) is a free online, on-demand cybersecurity training system that is available for government personnel and veterans. Managed by the Department of Homeland Security, FedVTE contains more than 800 hours of training on topics such as ethical hacking and surveillance, risk management, and malware analysis.



HIRING MANAGER

INVEST IN YOUR PEOPLE

IN THIS SECTION

> **HOW TO HIRE**

> **HIRING POLICIES**

> **WHERE AND HOW TO RECRUIT**

> **HIRING STUDENTS**

> **HIRING VETERANS**

> **TOOLS & RESOURCES**

How to Hire

Collaborate with your agency human resources department for information on how to hire at your agency. For an overview of the Federal hiring process [click here](#).

STUDENTS & UNIVERSITIES

CHOOSE PUBLIC SERVICE

ON THIS PAGE

> **APPLY FOR A FEDERAL JOB**

> **FELLOWSHIP & INTERNSHIP PROGRAMS**

> **MATCH YOUR INTEREST**

How can you Find a Federal job?

Apply for a Federal Job

Here is a list of available tools and resources to help get you started on this new journey!

- Overview of the [Federal Hiring Process](#).
- Participate in [virtual sessions](#) to learn more about the Federal hiring process.

Fellowship and Internship Programs

CyberCorps: Scholarship for Service (SFS)

CyberCorps (R): Scholarship For Service (SFS) is a unique program designed to increase and strengthen the cadre of federal information assurance professionals that protect the government's critical information infrastructure. This program provides scholarships that may fully fund the typical costs incurred by full-time students while attending a participating institution, including tuition and education and related fees. Additionally, participants receive stipends of \$22,500 for undergraduate students and \$34,000 for graduate students.

ON THIS PAGE

> **STUDENTS**

> **UNIVERSITIES**

Why the Federal Government?

Students

Are you thinking of interning or working for the Federal Government? If so, it's a great choice! The Federal Government is a driven culture, fostering learning, mentoring, and growth for cybersecurity professionals. Want to feel inspired and challenged? The Federal Government is transformation in motion while making investments in your future!

- [Top IT Specialist Agencies](#)
- [Job Seekers](#)

Universities

Universities can help in building the next generation of cyber talent by engaging your student body and developing a pipeline into the Federal Government.

Host a Webinar

Want to have a webinar for your students on How to write a Federal Resume and learn more about the

Poll

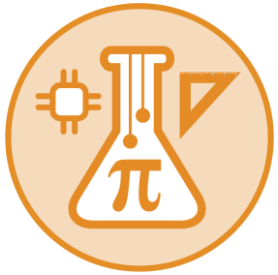
Q & A



Put Your Intelligence to Work
IntelligenceCareers.gov/NSA



How Might Your Skills Fit at NSA?



STEM

- Computer Science
 - Cyber
- Engineering and Physical Sciences
- Mathematical Sciences
 - Medical and Occupational Health
 - Network & Telecommunications



Legal and Law Enforcement

- Inspection, Investigation and Compliance
 - Security and Law Enforcement
- Law and Legal Services



IA and Languages

- Intelligence Analysis
- Intelligence Collection
- Foreign Language Analysis



Business and Support Services

- Business, Accounting and Budget
 - Human Resources
 - Communication and Public Affairs
- General Admin Support
- Education and Training
- Infrastructure and Logistics

PLUS, paid internships, scholarships and Co-op Program!

Application Process

1

Apply Online



2

First Screening –
On Campus or
Via Phone



3

Technical
Interviews and
Possible Testing



4

Polygraph and
Psychological
Assessment



Student Programs: Internships

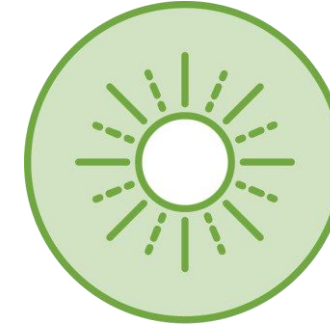
Paid summer tours for undergrad, grad students and Ph.D. candidates



20+ PROGRAMS
for College Undergrads,
Graduates and
Doctoral Students



Real-World
EXPERIENCE



Work at NSA
12 WEEKS
Over the Summer

Fields *(Plus Many More)*



STEM &
Cyber



Business



Language

Internship Benefits



Competitive
Pay



Paid
Time Off



Housing
Assistance*



Travel
Reimbursement*



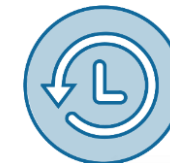
Access to
National
Cryptologic
School
Courses



Holiday &
Sick Leave



Mentorship
Programs



Extracurricular
Activities

**If eligible. See our website for more information.*



IntelligenceCareers.gov/NSA



WHERE INTELLIGENCE GOES TO WORK®

Student Programs: Cooperative Education

Alternate semesters between work and school



For College
**Sophomores and
Second Semester
Freshmen** Who Have
A Minimum 3.0 GPA



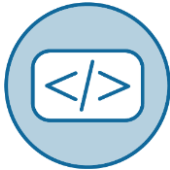
Work at NSA
**EVERY OTHER
SEMESTER**
Until Graduation

**Participants must complete 52 weeks of work.*

Majors



Computer/
Electrical
Engineering



Computer
Science



Cybersecurity



Foreign
Languages

Co-op Benefits



Competitive
Pay



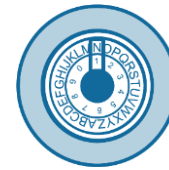
Paid
Time Off



Holiday &
Sick Leave



Travel
Reimbursement**



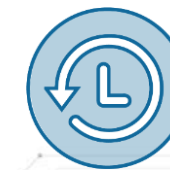
Access to
National
Cryptologic
School
Courses



Housing
Assistance**



Mentorship
Programs



Extracurricular
Activities



Partial Tuition
Assistance

***If eligible. See our website for more information.*



[IntelligenceCareers.gov/NSA](https://www.IntelligenceCareers.gov/NSA)



WHERE INTELLIGENCE GOES TO WORK®

Employee Development Programs

Full-time jobs with full-on benefits

Entry-level, mid-career and senior-level programs (in STEM, Intelligence & Language Analysis, and Business) designed to:

- Improve understanding of specific disciplines
- Enhance skills and professional networks
- Cross-train into new career fields

Most programs are 3 years in length, with rotational tours

STEM

Program	CS	CE	EE	M	P	O
Computer Network Operations (CNODP)	●	●	●	●		
Computer Science (CDP)	●	●				
Cryptanalysis (CADP)	●	●	●	●	●	●
Cryptanalytic Computer Network Operations (C2DP)	●	●	●	●		
Cybersecurity Engineering (CSEDP)	●	●	●	●		●
Cybersecurity Operations (CSODP)	●	●	●			●
Data Science (DSDP)	●			●	●	●
Digital Network Exploitation Analyst (DDP)	●	●				
Information Technology (ITDP)	●	●	●	●		●
Intrusion Analyst Skill (IASDP)	●	●	●			●
Math (MDP)	●	●	●	●	●	
Radio Frequency (RFDP)	●	●	●	●		
Signals Analysis (SADP)	●	●	●	●	●	
Systems Engineering (SEDP)	●	●	●	●	●	●

CS - Computer Science; CE - Computer Engineering; EE - Electrical Engineering; M - Math; P - Physics; O - Other

Intelligence & Language Analysis

Program	IR/S	PS	R/TS	G/GS	FL
Intelligence Analysis (IADP)	●	●	●	●	●
Language Analysis (LADP)	●	●	●	●	●

IR/S - Int'l Relations/Studies; PS - Political Science; R/TS - Regional/Topical Studies; G/GS - Geospatial/Geography Studies; FL - Foreign Language

Business

Program	MG	CS, EE, IT, IS
Program Manager (PMDP)	●	●

MG - Management; CS, EE, IT, IS - Computer Science, Electrical Engineering, Information Technology, Information Systems

Applicant Security Clearance Process

All NSA employees have a TS/SCI level security clearance

1



Full Background
Investigation (BI)

2



Full Scope Polygraph
(Poly or PG)

3



Psychological Evaluation
(Psych Eval)

Poll

Q & A

Cybersecurity and Infrastructure Security Agency (CISA)



Mission

CISA partners with industry and government to understand and manage risk to our Nation's critical infrastructure.



Vision

Secure and resilient infrastructure for the American people



CISA
CYBER+INFRASTRUCTURE

**“DEFEND TODAY,
SECURE TOMORROW”**

What Does CISA Do?



PROACTIVE CYBER PROTECTION

CISA's National Cybersecurity and Communications Integration Center (NCCIC) provides 24x7 cyber situational awareness, analysis, incident response and cyber defense capabilities



INFRASTRUCTURE RESILIENCE

CISA coordinates security and resilience efforts using trusted partnerships across the private and public sectors, and delivers training, technical assistance, and assessments to federal stakeholders as well as to infrastructure owners and operators nationwide.

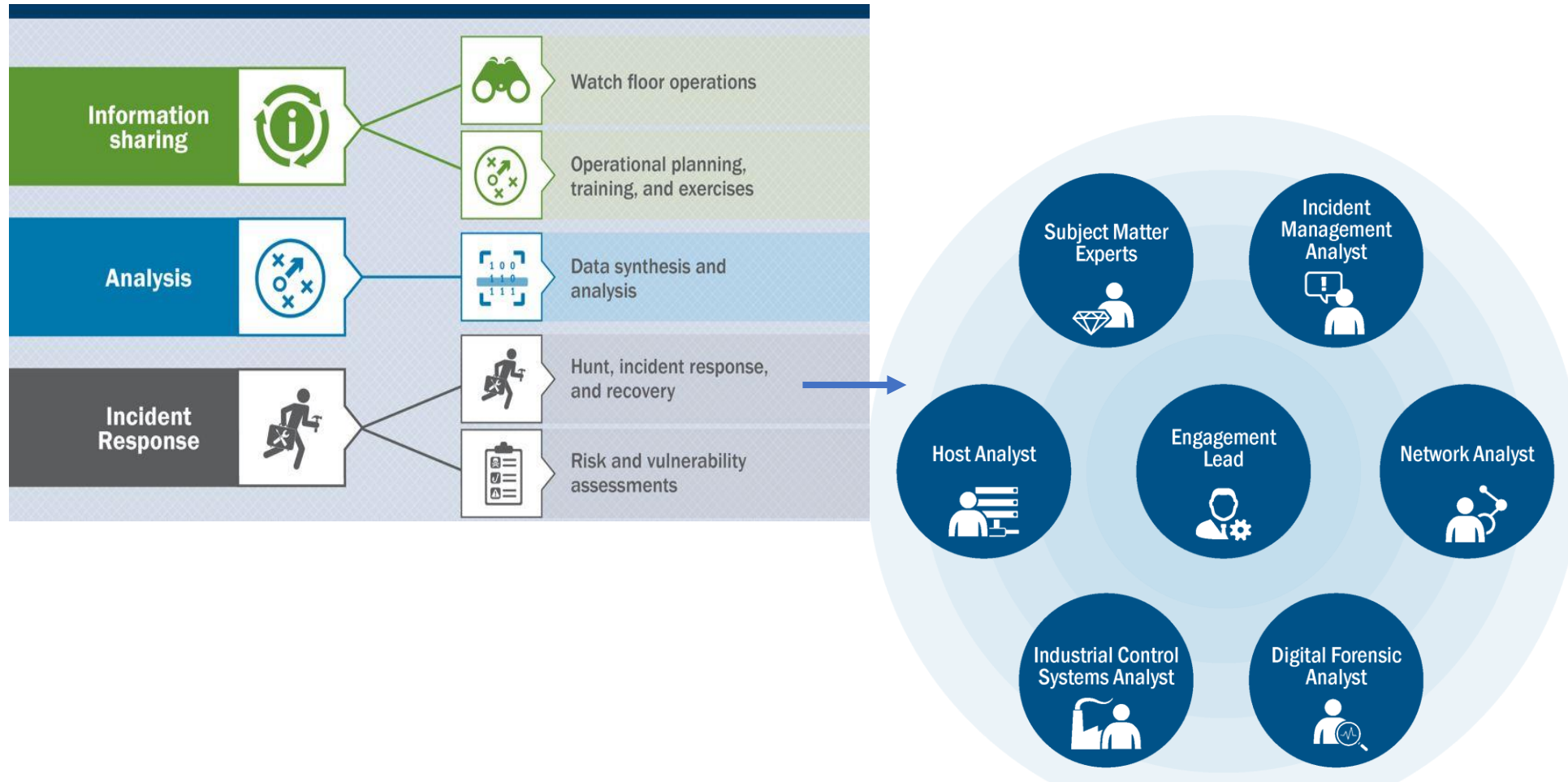


EMERGENCY COMMUNICATIONS

CISA enhances public safety interoperable communications at all levels of government, providing training, coordination, tools and guidance to help partners across the country develop their emergency communications capabilities.

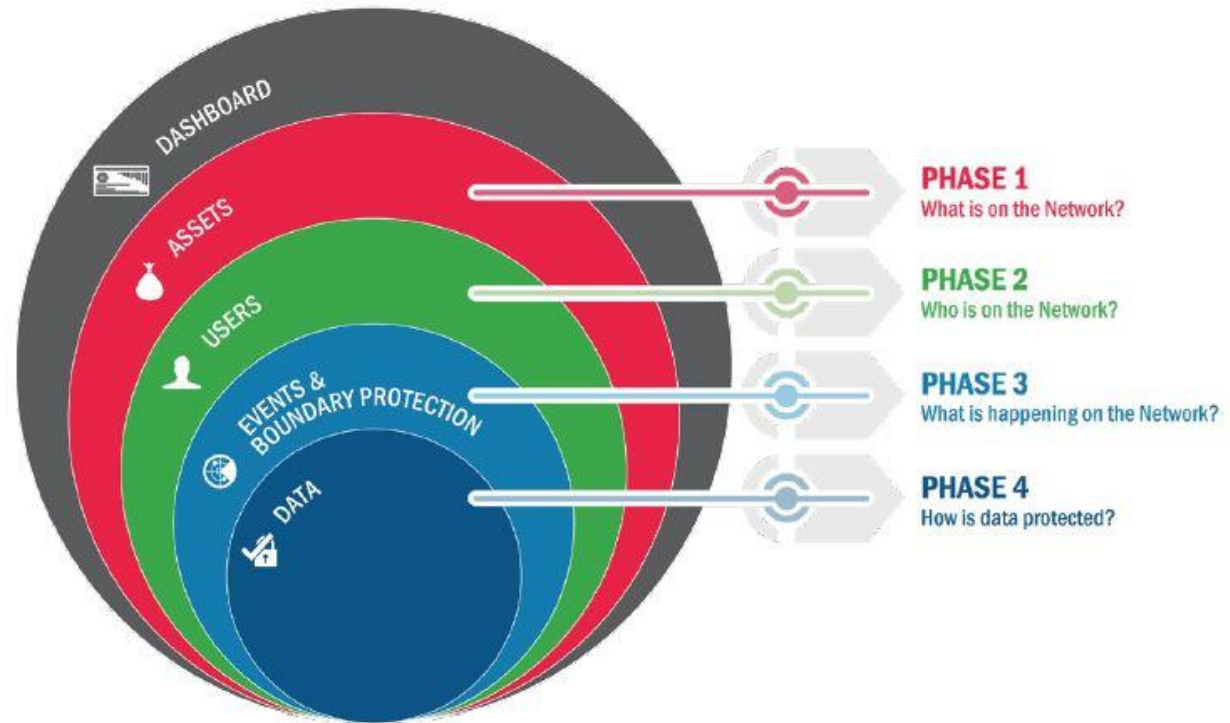
Cyber Operations & Threat Hunting

CISA exchanges information across the global cybersecurity and critical infrastructure community to improve the security of the Nation's critical infrastructure and the systems and assets on which Americans depend.



Federal Network Protection

CISA works with each federal civilian department and agency to promote the adoption of common policies and best practices that are risk-based and able to effectively respond to the pace of ever-changing threats.



Cybersecurity Training & Exercises

CISA is committed to providing the nation with access to cybersecurity training and workforce development efforts to develop a more resilient and capable cyber nation.



Cybersecurity Education, Outreach & Awareness

CISA is committed to strengthening the nation's cybersecurity workforce through standardizing roles and helping to ensure we have well-trained cybersecurity workers today as well as a strong pipeline of future cybersecurity leaders of tomorrow.



Cyber Careers @ CISA

CISA's cyber mission requires a wide variety of skills and talent.

- Cyber Incident Response
- Digital Forensics & Forensics Analysis
- Penetration Testing
- Policy & Governance
- Software Assurance
- Intelligence & Investigation
- Enterprise Architecture
- Computer Engineering
- Training & Exercise Planning
- Network Systems & Engineering
- Cybersecurity Assessment
- Cyber Risk & Strategic Analysis
- Vulnerability Detection & Assessment
- Threat Vulnerability Analysis & Research
- Cyber Education, Awareness & Outreach
- Advisory Cybersecurity Services
- Partnership & Engagement

Career Paths For Students And Recent Graduates



CISA
CYBER+INFRASTRUCTURE

Pathways Programs



CISA
CYBER+INFRASTRUCTURE

INTERN (USAJOBS.gov)



LEVEL OF EDUCATION
High school students and in-progress accredited college degree (Undergrad or Grad students)

TYPICAL SALARY*
\$24,633 – \$47,016

TYPICAL WORK SCHEDULE
Part-time or full-time; flexible to accommodate class schedule

LENGTH OF PROGRAM
Intern: Varies, continues until student graduates

RECENT GRADUATE (USAJOBS.gov)



LEVEL OF EDUCATION
Completed degree (Bachelor's, Master's)

TYPICAL SALARY*
\$37,955 - \$57,510

TYPICAL WORK SCHEDULE
Full-time

LENGTH OF PROGRAM
1 year

PRESIDENTIAL MANAGEMENT FELLOW (www.pmf.gov)



LEVEL OF EDUCATION
Master's, Law degree, or Ph.D.

TYPICAL SALARY*
57,510 – \$99,172

TYPICAL WORK SCHEDULE
Full-time

LENGTH OF PROGRAM
2 years

Scholarship for Service Program (SFS)

The SFS Program provides scholarships to students in cyber-related degree programs in exchange for a commitment to employment with government organizations.

Selected students:

- Receive up to \$34,000 per academic year (tuition, books, and living stipend).
- Complete a paid summer cyber internship; work full-time (1-3 years) in a Federal agency after graduation.
- Must be enrolled in a cyber-degree program at an SFS university.
- Find more information: <https://sfs.opm.gov>



CISA
CYBER+INFRASTRUCTURE



Join Our Team

- ✓ Cyber/IT Internships – Apply via USAJOBS.gov by November 14.

- ✓ Human Resources & Business / Admin Support Internships – Apply via USAJOBS.gov by November 22.

- ✓ Find current job postings on USAJOBS.gov – keyword search *Cybersecurity and Infrastructure Security Agency*

- ✓ Follow us on LinkedIn to be the first to know when new job announcements and hiring events arise.



Contacts



Careers@cisa.dhs.gov

StudentCareers@cisa.dhs.gov

www.cisa.gov



@CISAgov

@Cyber



CYBERSECURITY AND
INFRASTRUCTURE
SECURITY AGENCY



CISA
CYBER+INFRASTRUCTURE



Poll

Q & A

Thank You for Joining Us!

Upcoming Webinar: “Cybersecurity for All and the Work of Awareness and Behavioral Change”

When: Wednesday, December 18, 2019 at 2:00pm EST

Register: <https://nist-nice.adobeconnect.com/webinardec19/event/registration.html>

nist.gov/nice/webinars