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.

National Cybersecurity Career Awareness Week
NOVEMBER 11-16

nist.gov/nice/nccaw
Poll
→ **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.
Top Reasons to Work for the Federal Government

- Work for a Mission that Matters
- Challenge Yourself
- Access Innovative Training & Development Programs
- Get the Total Package
- Get a Life
- Get an Education
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 Education (NICE) 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 600 hours of training on topics such as ethical hacking, cyber defense, incident response, and malware analysis.
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.
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® 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 $22,000 for undergraduate students and $34,000 for graduate students.

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 host 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.
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**
- Housing Assistance**
- Mentorship Programs
- Extracurricular Activities
- Partial Tuition Assistance
- Access to National Cryptologic School Courses

*If eligible. See our website for more information.
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

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Intelligence & Language Analysis

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

Int - International Studies; PS - Political Science; R/T - Regional/Topical Studies; G/GS - Geospatial/Geography Studies; FL - Foreign Language

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

“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.
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
Pathways Programs

**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
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
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
Poll
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