



# U.S. Army Cyber Command (ARCYBER) Career Exploration, Advancement, and Development Program

## Start your Career as an Army Professional at the U.S. Army Cyber Command! (Rev 7/22/20)

The mission of the U.S. Army Cyber Command's (ARCYBER) Career Exploration, Advancement and Development (CEAD) Program is to build a pipeline of entry-level professionals to expertly perform and adapt to an ever-changing cyber operational environment. Working as an Army Civilian Professional offers highly-technical individuals a rare chance to challenge their skills on world-class national defense problems. This organization is one of the few in public or private sectors that will allow you to go toe-to-toe with cyber adversaries every day. Army Civilians are an integral part of the Army team, who are committed to selfless service in support of the protection and preservation of the United States.

As an Army Civilian Professional, you can serve your country and support your military counterparts by using your technical expertise to make an impact on Soldier capabilities and their families, support overseas operations and disaster relief projects, and develop technology systems and capabilities that give a technological advantages to the nation's warriors. In cyberspace your technical skills will be valued and engaged every day in defense of the nation.

You will work right alongside uniformed military counterparts, receive hands-on training, education, and have access to certificate programs and professional and leadership development opportunities as you progress throughout your career. The ARCYBER may have summer internships (8-10 weeks) and 2-year fellowships available (based upon funding).



### About Army Engineers & Scientists

With the need for everything from biologists to computer programmers, mathematicians and aerodynamicists, the Army's mission offers an unparalleled range of career opportunities and experiences for civilian engineers and scientists (non-construction) in Computers; Software; Electrical; and Operations Research fields.

### About Army Information Technology and Data Scientists

The rise of cybersecurity threats has placed unprecedented demands on IT/Cyber professionals to quickly learn new competencies and perform in turbulent environments. Join the cadre of software and hardware developers, electrical engineers, network and cloud technicians, data analysts, ethical hackers, and many more technical professionals on the Army Cyber team.

### Locations Worldwide

This career field has more than 17,000 engineers and scientists in 60 different job specialty areas located in 48 states and 19 countries. Explore the world and work for an organization that will provide more than a pay check, but a purpose, mission, and a way to contribute to your country while developing professionally.



***The Nation's Army in Cyberspace***

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**We are seeking YOUR skills!**

	ARCYBER	NETCOM	CPB
<b>Mission</b>	<p>The Chief Information Officer/G6 develops and implements ARCYBER-wide information technology (IT) and information management (IM) plans, policies, procedures and enterprise architecture. The G6 provides staff management for the development, acquisition, integration, operation, and sustainment of IT capabilities, strategies, policies, and information assurance to empower and support ARCYBER customers.</p>	<p>The U.S. Army Network Enterprise Technology Command (NETCOM) leads global operations for the Army's portion of the Department of Defense Information Network, ensuring freedom of action in cyberspace while denying the same to our adversaries.</p>	<p>The Cyber Protection Brigade defends <b>key terrain</b> against <b>specified threats</b> to <b>deliver effects</b> that insure freedom of action in and through cyberspace and to deny the same to our adversaries.</p>
<b>Locations</b>	<p>Fort Belvoir, VA; Fort Gordon, GA; Fort Meade, MD*</p> <p><i>*In 2020, ARCYBER will relocate to Fort Gordon, GA</i></p>	<p>Fort Huachuca, AZ; Fort Gordon, GA; Fort Bliss, TX; Fort Bragg, NC; Fort Carson, CO; Fort Detrick, MD; Fort Drum, NY; Fort Eustis, VA; Fort Hood, TX; Fort Leonardwood, MO; Fort Myer, VA; Joint Base San Antonio, TX; Fort Steward, GA; Joint Base Lewis-McChord, WA; Redstone Arsenal, AL; Fort Sill, OK; Fort Meade, MD; Wiesbaden, Germany; Korea; Japan</p>	<p>Fort Huachuca, AZ; Fort Gordon, GA; Fort Meade, MD</p>





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## Career Exploration, Advancement, and Development Program

<b>Training Tracks</b>	<u>Information Technology Management:</u>  Customer Service; Information Security; Systems Analysts; Network; Policy & Plans	<u>Engineering:</u>  Computer; Software; Electrical; Operations Research  <u>Information Technology Management:</u>  Customer Service; Information Security; Systems Analysts; Network; Policy & Plan	<u>Engineering:</u>  Computer; Software; Electrical; Operations Research  <u>Information Technology Management:</u>  Customer Service; Information Security; Systems Analysts; Network; Policy & Plans
<b>Projects</b>	<ul style="list-style-type: none"> <li>- Cloud On-Premise, Off-Premise and Hybrid technologies</li> <li>- Top Secret Projects</li> <li>- Secret Projects</li> <li>- File Migration and DCO/SAN build out</li> <li>- Future Operations (FUOPS)</li> <li>- Microsoft Project Server</li> <li>- COOP Disaster Recovery Planning</li> </ul>	<ul style="list-style-type: none"> <li>- Engineer a modern, integrated, and operational network; centralize management of enterprise networks and systems.</li> <li>- Execute strong compliance and inspection programs.</li> <li>- Enable strategic and tactical mission command.</li> <li>- Refine operate/maintain/defend network requirements.</li> <li>- Improve emergency and network services.</li> <li>- Prioritize network modernization effort and maintenance.</li> </ul>	<ul style="list-style-type: none"> <li>- Computer Science and Data Science work role efforts within the brigade.</li> <li>- Analytic pipeline training development.</li> <li>- Analytic inventory research and development.</li> <li>- Big data platform research and support to operational teams.</li> <li>- Reduce cyber-attack surface, improve network defense.</li> </ul>

**We are looking for both summer interns and 2-year fellows working full-time in a developmental capacity in a variety of offices.**

CEAD Interns may onboard annually in May (preferred). Typical summer internship length is 8-10 weeks. Dates for onboarding for 2-year CEAD Fellows will vary. **Please complete the pre-screening form and submit it with your current resume and unofficial transcripts to:**

[usarmy.gordon.arcyber.mbx.internships@mail.mil](mailto:usarmy.gordon.arcyber.mbx.internships@mail.mil).

**Eligibility Requirements:**

U.S. Citizenship is required; Must meet conditions of employment to include pre-employment drug testing and the ability to obtain and maintain a TS/SCI security clearance, CI/POLY and MADO.



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## Spotlight: Chief Information Office/G6

### Summer Internships

CEAD Interns will be assigned to the Cybersecurity Programs Division where they will research, develop and update Cybersecurity policies. Interns will participate in projects and apply the Risk Management Framework (RMF) process throughout the system development life-cycle, to include requirements definition, analysis, design/architecture, development, and testing for new systems or major enhancements to existing systems. Participants will also gain experience in managing The Global Electronic Approval Routing System (GEARS), which impacts the organization worldwide. Interns will come onboard as Information Technology Management Specialists at the GS-03, 04 or 05 levels depending on experience and education qualifications.



CEAD Interns will develop knowledge, skills and abilities in the following areas:

- a) **Leadership Skills:** Ability to interact with a team to gain understanding of web applications, answer technical queries, and make recommendations on documentation to ensure professional presentation.
- b) **Oral Communication:** Routinely deliver information, tailored to audience (for example, technical, sensitive, controversial); make clear and convincing oral presentations; listen to others while interpreting nonverbal cues, and respond appropriately.
- c) **Problem Solving:** Identify problems; determine accuracy and relevance of information; use sound judgment to generate and evaluate alternatives, and make recommendations.





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## 2-year Fellowships

ARCYBER's CIO/G6 fellowship experience is an expansion of the internship program. Our Fellows help maintain and defend the Army's Network while working full-time as an Information Technology Management Specialist. In this role, Fellows gain experience in written and oral communication, presentation, problem solving skills. The program, follows a Master Training Plan that addresses core skills such as communications, writing, business and time management skills presentation skills and leader development as well as specialized technical skills in customer service, information security, systems analysis, network, and policy and plans. This program consists of rotational assignments in locations across the globe.



Fellows join the ARCYBER team as Information Technology Management Specialists at the GS-07/09/11 levels depending on experience and education qualifications with permanent placement opportunities. Job duties may include:

- a. **Information Security:** Conduct risk and vulnerability assessments of planned and installed information systems to identify vulnerabilities, risks, and protection needs. Assess security events to determine impact and implement corrective actions. Installs, configures and supports cyber security tools such as Security Onion, McAfee Host Based Security Suite (HBSS), Assured Compliance Assessment Solution (ACAS), Security Event and Incident Management (SEIM). Recognizes security events and takes appropriate action to identify threats and implement countermeasures.
- b. **Systems Analysts:** Analyze captured network traffic using filters to identify anomalous traffic. Audits logs looking for anomalous actions and possible insider threats. Surveys and evaluates network traffic and creates network diagrams.
- c. **Policy & Plans:** Develop policies and procedures to ensure information systems reliability, accessibility and ability prevent and defend against unauthorized access to systems, networks and data Conduct systems security evaluations, audits, and reviews.
- d. **Network:** Network and systems design to ensure compliance with systems security policies. Ensures patches, hot fixes, system change packages and current AV definitions are applied and compliance verified. Determines baselines for network devices and host machines. Performs computer network defense (CND) incident triage, to include determining scope, urgency, and potential impact; identifying the specific vulnerability; and making recommendations that enable expeditious remediation.
- e. **Customer Service:** Using effective communication skills, serve on the help desk fielding queries from users from across the organization to resolve network and system issues.



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