



Department of Homeland Security (DHS)

DHS Secretary's Honors Program Cyber Student Initiative

The Department of Homeland Security (DHS) Secretary's Honors Program (SHP) Cyber Student Initiative offers an unpaid student volunteer position to current two-year community college students, including student veterans, pursuing a program of study in a cybersecurity-related field. Pursuant to 5 U.S.C. 3111, these student volunteer positions will provide an opportunity to develop and gain invaluable hands-on experience at a U.S. Immigration and Customs Enforcement's (ICE), Homeland Security Investigations (HSI) forensics lab. The program is tailored to provide high-performing students with challenging work projects, real-life learning scenarios, and mentoring from cybersecurity professionals at ICE.

The student volunteer opportunities are available in the following locations:

- Albany, GA
- Albuquerque, NM
- Atlanta, GA
- Baltimore, MD
- Boston, MA
- Buffalo, NY
- Charleston, SC
- Charlotte, NC
- Chicago, IL
- Dallas, TX
- Denver, CO
- El Paso, TX
- Fresno, CA
- Greenville, NC
- Long Beach, CA
- Los Angeles, CA
- Lubbock, TX
- Midland, TX
- New York, NY
- Oklahoma City, OK
- Orlando, FL
- Pensacola, FL
- Philadelphia, PA
- Phoenix, AZ
- Reno, NV
- Sacramento, CA
- San Angelo, TX
- San Antonio, TX
- San Diego, CA
- San Francisco, CA
- San Juan, PR
- Savannah, GA
- Seattle, WA
- Tampa, FL
- Tucson, AZ
- Washington, D.C.

About Your Student Volunteer Position...

Students selected for one of these prestigious opportunities will be assigned to projects that will complement their forensics/cybersecurity skills and learn to apply science, mathematics, engineering, security, and forensics concepts to real-time cyber tasks. Students will be trained in pertinent legal issues, computer skills, and forensic tools that they will apply as a computer forensics professional. Students will get hands-on experience, learning the process the HSI team uses to conduct various computer forensic examinations involving digital media and electronic devices and validating forensic hardware and software.

The duration of the DHS SHP Cyber Student Initiative may last between 4-18 weeks, not-to-exceed September 30, 2013, and will be determined by each location.

Duties...

- Assists with conducting validation testing of computer forensic hardware and software.
- Assists in research on computer forensic issues and creates training presentations on topics of interest.
- Assists with technical support resources in the development of forensic examination, inspection, surveillance and investigative systems.
- Assists with hashing of files to ensure file integrity for pertinent forensic files and/or software utilized by the HSI team.
- Assists in setting up virtualized computer system environments, on stand-alone workstations, with the pertinent software required for completing advanced computer forensic analysis.

The aforementioned duties may vary based on the needs of the location.

Who May Apply...

The DHS SHP Cyber Student Initiative is open to students who are enrolled in an Associate's degree or certificate program with coursework related to cybersecurity. Degree programs include:

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| ✓ Computer Science | ✓ Computer Engineering | ✓ Information Technology |
| ✓ Computer Forensics | ✓ Network Engineering | ✓ Information Systems |
| ✓ Digital Forensics | ✓ Software Engineering | ✓ Information Security |
| ✓ Electrical Engineering | ✓ Cybersecurity | ✓ Software Assurance |
| ✓ Electronics Engineering | ✓ Information Assurance | |

Qualifications Requirements...

To qualify for this program, you must meet the minimum requirements below:

- U.S. Citizen.
- Enrolled in an Associate's degree or certificate program at a two-year community college.
- If selected, be able to receive approval from your community college to participate in this opportunity.
- Enrolled in a cybersecurity-related academic discipline on at least a half-time basis.
- Have a current Grade Point Average (GPA) of at least a 3.0 on a 4.0 scale, or equivalent.
- Be able to pass a background investigation.
- Be able to pass a drug test.
- If male, be registered with Selective Service.

Candidates should have a basic knowledge of computer programming language; computer operating systems and software; viruses and malware; and the software used to protect and detect virus activity.

Pay...

These opportunities are uncompensated. Students selected for this program are not considered Federal employees for any purpose other than compensation for injuries sustained during the performance of work assignments. This volunteer opportunity does not imply or guarantee any permanent or temporary Federal civil service employment with DHS and ICE.

About ICE...

ICE is the principal investigative arm of DHS and the second largest investigative agency in the Federal Government. Created in 2003 through a merger of the investigative and interior enforcement elements of the U.S. Customs Service and the Immigration and Naturalization Service, ICE now has more than 20,000 employees in offices in all 50 States and 47 foreign countries. More information on ICE can be found by visiting www.ICE.gov.

How to Apply...

If you are interested in applying for the DHS SHP Cyber Student Initiative, please email the following by **May 3, 2013**: 1) résumé, 2) current school transcript (unofficial copy accepted), and 3) preferred location to CyberFellowsProgram@ice.dhs.gov with "DHS SHP Cyber Student Initiative" in the subject line. **Incomplete packages will not be accepted.**

Questions...

For additional information or questions on the program, please email CyberFellowsProgram@ice.dhs.gov.

The Department of Homeland Security is an Equal Opportunity Employer. All candidates will be considered regardless of their race, color, religion, sex, national origin, age, sexual orientation, protected genetic information, status as a parent, lawful political affiliation, marital status, physical/mental disability (if not a job factor), membership or non-membership in an employee organization, or any other non-merit factor.