



Recruiting Cybersecurity Professionals: A Best Practice

National Security Agency
September 22, 2011





Recruiting Cybersecurity Professionals

Overview: Ft. Meade, MD

Hiring efforts: Nationwide

Student Programs: Over 20 programs

Development Programs: Over 10 programs





Recruiting Cybersecurity Professionals

Important factors to consider when developing the structure of a diversity recruitment program:

- Resources**
- Expectations**
- Timeline**





Recruiting Cybersecurity Professionals

Student Programs

High School Work Study

Scholarships

Cooperative Education

Internships (Semester/Summer)





Recruiting Cybersecurity Professionals

High School Work Study

Application Timeline: 1 September – 15 November

Eligibility: High school Juniors apply, 2.5 preferred GPA

Tour:

Up to 32 hours per week during summer and school closings

Up to 20 hours per week during the school year

Salary: GG-1/1 (approx. \$10.59/hr)



Recruiting Cybersecurity Professionals

STOKES Scholarship

Application timeline: 1 September – 15 November

Majors: Computer Science, Electrical or Computer Engineering

Eligibility: High school seniors, min. 1600 SAT or composite ACT of 25,
min. 3.0 preferred GPA

Tour: Full time during the summer

Benefits: Full-tuition to college of their choice/books and fees, F/T salary
while in school. Summer: F/T work; Round trip travel, Housing

Salary: Based on education. Start as GG-2 and increase each year based
on favorable review and maintaining GPA

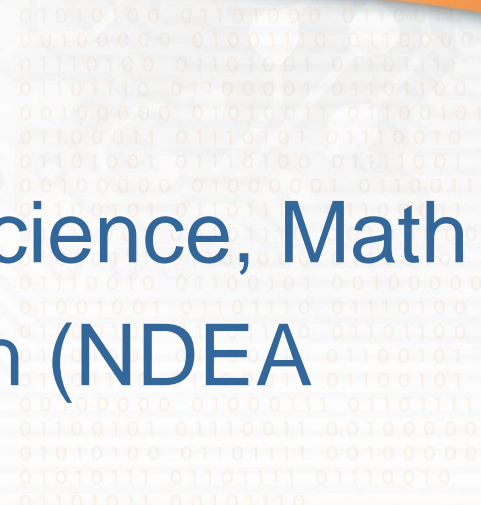


Recruiting Cybersecurity Professionals

Scholarships

National Defense Education Act Science, Math and Research for Transformation (NDEA SMART)

National Security Scholarship Program (NSSP)





Recruiting Cybersecurity Professionals

Cooperative Education Program

Application Timeline: 1 September – 15 December & 1 February – 15 May

Majors: Computer Science, Electrical and Computer Engineer

Eligibility: 2nd Semester freshman or college sophomores, 3.0 preferred
GPA

Tour: 52 weeks of alternating semesters of school and work

Benefits: Round trip travel; housing availability; tuition for 1 technical course
each semester

Salary: Based on education level; salary increases in increments of 20
credits earned



Recruiting Cybersecurity Professionals

Summer Internship Program

Application Timeline: 1 September – 15 October for Math/15 November for all other summer interns

Majors: Computer science, Language, Information Assurance, Installations and Logistics, etc.

Requirements: Math applicants must submit resume, transcripts, and two letters of recommendation from professors

Other majors – 3.0 GPA preferred, resume and transcripts

Tour: Full time for 12 weeks during the summer

Benefits: Round trip travel; housing available

Salary: Based on education



Recruiting Cybersecurity Professionals

Semester Internship Program

Application Timeline: Fall – 1 January to 15 March

Spring – 15 June to 15 October

Majors: Computer Science, Computer or Electrical Engineer, Computer Systems Engineer, Network Engineer or Telecommunications

Eligibility: College Junior, 3.0 preferred GPA

Tour: 16 week tour during Spring or Fall academic semester

Benefits: Round trip travel

Salary: Based on education level



Recruiting Cybersecurity Professionals

Development Programs

Application Timeline: Rolling

Disciplines: Computer Science, Information Assurance, Signals Analysis, Technology, Engineering, Math, Business, Language, Intelligence Analysis and more

Tour: Full-time, Up to three years in duration

Requirements: Bachelor's Degree, recruiting for mostly entry level hires, varies

Benefits: Training, rotational opportunities every 6-8 months and assignments are in mission related competency areas

Upon completion, placed in an office related to core competencies.



Recruiting Cybersecurity Professionals

NSA Day events and Career Invitationals

Examples: NSA Day: Student Programs Diversity Showcase
NSA Day: Women in Intelligence
Career Invitationals

- Leadership buy in
- Well coordinated logistics
- Career Panels
- Showcase the diversity of our work through technical demos
- Interviews
- Networking and Interviewing



Recruiting Cybersecurity Professionals

Questions?

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Recruiting Cybersecurity Professionals

Effective recruitment programming works well with leadership buy in, internal collaboration, and follow through.

