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## Computer Science Development Program (CDP)

Our nation has entered a new era that brings profound changes to the way the National Security Agency (NSA) conducts our mission. Vital to our success will be a core of Computer Scientists. The United States will rely on this cadre of experts for meeting both our defensive and our offensive missions in cyberspace. The increased complexity of supporting cyber warfare requires world class researchers and developers, who, while grounded in the tenets of computer science, operate as teams in areas such as vulnerability discovery/analysis, knowledge discovery, high performance computer architectures, and special purpose devices in order to design and develop advanced tools, techniques, and systems.

To advance the development of Computer Science, NSA has created a new Computer Science Development Program (CDP) and is seeking to hire full-time talented computer scientists to participate. Participants of this three-year program will have rotational operational assignments, and lab/classroom training, which will enable them to understand the breadth of computer science disciplines including computer network operations, architecture and systems, knowledge discovery, and information technology infrastructure, as well as depth of knowledge in one of these disciplines. The CDP participants will work in teams with each other and with NSA technical leaders to solve current and future challenging (either due to size, complexity or both) computer system problems.

Upon successful completion of this program, you will be able to choose from a variety of computer science positions Agency-wide.

### Qualifications:

This is an entry level development program and therefore ideal candidates should possess a Bachelor's degree in Computer Science (Master's or PhD graduates will also be considered) and have coursework and/or experience with most of the following:

- Operating Systems
- Compiler Theory
- Algorithm Analysis
- Computer Architecture
- Programming Language Theory
- Data Structures
- Math (as required for above coursework)
- Demonstrated examples of problem solving, leadership and teaming.

Salary Range: \$47,500 - \$67,773

NSA offers an incredible benefits package, competitive salary and flexible work schedule.

U.S. Citizenship is required for all applicants. A security clearance must be granted prior to employment and you will be required to undergo extensive pre-employment processing. This includes: aptitude testing, an interview with a psychologist, a security interview conducted with the aid of a polygraph, and a personnel interview. The final stage of the processing will be the successful completion of a background investigation.

Reasonable accommodations will be provided to applicants with disabilities during the application and hiring process where appropriate. The NSA is an equal opportunity employer and abides by applicable employment laws and regulations. All applicants and employees are subject to random drug testing in accordance with Executive Order 12564. Please apply before: