

**Systems Analyst (Level I, II, III)**

An individual with broad experience in the computer and networking field including Operating Systems, Networking, Security, and Applications Analysis. A typical requirement for this skill level is: 1) a BS degree and three years of related work experience, or 2) five or more years of equivalent work experience. The individual is responsible for the installation, maintenance, and upgrade of computer hardware and software. Controls user access and passwords. Proposes and implements system enhancements that will improve the reliability and performance of the system. Monitors system usage and performance.

**Senior Systems Analyst (Level IV & V)**

An individual with broad experience in the computer and networking field including Operating Systems, Networking, Security, and Applications Analysis. A typical requirement for this skill level is: 1) an MS degree from an accredited institution of higher learning in a technology field plus at least three years of related work experience, or 2) a BS degree plus at least five years of related work experience. An individual at this skill level shall have experience in mentoring and leading others in small team environments.

**Systems Integrator (Level I, II, III)**

An individual with experience in the computer and networking field including basic knowledge of operating systems and networking. A typical requirement for this skill level is two or more years of work experience. The individual is responsible for integration and deployment of research computing systems.

**Senior Systems Integrator (Level IV & V)**

An individual with experience in the computer and networking field including in-depth knowledge of two or more operating systems and the necessary networking and security knowledge to support those operating systems. A typical requirement for this skill level is: 1) an AS degree and three or more years of work experience or 2) five or more years of work experience. The individual is primarily responsible for the integration and deployment of research computing systems.

**Systems/Research/Software Engineer (Level I, II, III)**

A system developer, research scientist, or software engineer with a moderate research/development/engineering reputation in his/her field. A typical requirement for this skill level is a Ph.D. degree from an accredited institution of higher learning in the appropriate scientific or engineering field; or an MS degree plus at least three years of related work; or a BS degree plus at least five years related work experience. An individual at this skill level should have demonstrated his/her problem solving ability in the appropriate area of expertise with several technical publications and several formal technical presentations.

**Senior Systems/Research/Software Engineer (Level IV & V)**

A system developer, research scientist, or software engineer with a distinguished research/development/engineering reputation in his/her field. A typical requirement for this skill level is a Ph.D. degree from an accredited institution of higher learning in the appropriate scientific or engineering field plus at least three years of related work experience; or an MS degree plus at least six years related work experience; or a BS degree plus at least eight years related work experience. An individual at this skill level shall have demonstrated his/her problem solving ability in the appropriate area of expertise with numerous technical publications and formal technical presentations, and shall have experience in mentoring and leading others in small team environments.

**Computer Scientist (Level I, II, III)**

A computer science researcher with a moderate research/development reputation in his/her field. A typical requirement for this skill level is a Ph.D. degree from an accredited institution of higher learning in the appropriate computer science field; or an MS degree plus at least 3 years of related work; or a BS degree plus at least five years related work experience. An individual at this skill level shall have demonstrated his/her problem solving ability in the appropriate area of expertise with several technical publications and several formal technical presentations.

**Senior Computer Scientist (Level IV & V)**

A computer science researcher with a distinguished research/development reputation in his/her field. A typical requirement for this skill level is a Ph.D. degree from an accredited institution of higher learning in the appropriate computer science field plus at least three years of related work experience; or an MS degree plus at least six years related work experience; or a BS degree plus at least eight years related work experience. An individual at this skill level shall have demonstrated his/her problem solving ability in the appropriate area of expertise with numerous technical publications and formal technical presentations, and shall have some experience in mentoring and leading others in small team environments.