SENIOR SYSTEMS PROGRAMMER

GENERAL STATEMENT OF DUTIES: Supervises and performs programming activities involved in the generation of internal computer operating systems, communication systems, and other software required by contemporary computers; does related work as required.

DISTINGUISHING FEATURES OF THE CLASS: Under general supervision, an incumbent of this position acts as an internal consultant on operating systems considerations. Incumbent is responsible for the planning, organizing and making recommendations concerning the uses of the computer, operating systems and communications operating systems software, as well as evaluation of software provided by independent sources. This is a key position in the Information Center. The margin of error is "global". This is the position that keeps the internal computer operating systems generating. Supervision may be exercised over a number of subordinate level system programmers.

EXAMPLES OF WORK: (Illustrative Only)

Supervises and participates in all activities related to systems programming, research and development;

Assists in the development and enforcement of internal programming standards;

Engages in comparative research for software or hardware acquisition;

Installs and supports operating systems software;

Trains programmers and systems analysts in the use of software packages or utilities;

Assists in the evaluation and hiring of System Programmers.

REQUIRED KNOWLEDGE, SKILLS, ABILITIES AND ATTRIBUTES: Thorough knowledge of high and low levels of programming language; thorough knowledge of the principles of communications networks and related special languages; good knowledge of the principles and skills unique to operating systems coding, generating, analysis and problem solving; good knowledge of communication networks and related special languages; ability to comprehend technical material; ability to plan, organize, and present technical ideas clearly and concisely; tact, creativity; sound judgment; physical condition commensurate with the demands of the position.

MINIMUM ACCEPTABLE TRAINING AND EXPERIENCE: Graduation from high school or possession of a high school equivalency diploma and either (a) Bachelor's degree and four years of programming experience, two years of which must have been in systems programming and software development; or (b) completion of two years of post high school education and six years of programming experience, including the two years of specialized experience as specified above;   or (c) graduation from a computer school accredited by the National Association of Trade and Technical Schools and six years of programming experience, including the two years of specialized experience as specified above; or (d) eight years of programming experience, including the two years of specialized experience as specified above; or (e) a satisfactory equivalent combination of the foregoing training and experience.

SPECIAL REQUIREMENT: Successful completion of a course in COBOL or 15 weeks work experience must be demonstrated by candidates.

SPECIAL REQUIREMENT FOR APPOINTMENT IN SCHOOL DISTRICTS:
In accordance with the Safe Schools Against Violence in Education (SAVE) legislation, Chapter 180 of the Laws of 2000, and by the Regulations of the Commissioner of Education, candidates for appointment in school districts must obtain clearance for employment from the State Education Department prior to employment based upon a fingerprint and criminal history background check.

BOCES #2 Lower Hudson
Regional Information
Center
J. C.: Competitive   Job Class Code: S854
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