

InterOperability Manager IV

Function of Job:

Under administrative supervision, apply technical leadership and expertise to drive the advancements of the larger data communication and networking industry for the benefit of the InterOperability Laboratory (IOL)* direct standards development, pioneer innovation, foster cooperation and enliven imaginations through research and development; and gain public/private funding to foster scholarly activity and/or corporate executive relationships.

Characteristic Duties and Responsibilities:

1. Strategic management: ensure strategic alignment between the IOL services and the external environment by directing standards development, pioneering innovation, fostering cooperation with private and public sectors.
2. Academic development: strategically develop research, publishing, and teaching opportunities to enhance the IOL's academic mission; collaborate with the university administration and/or academic departments.
3. Customer Service - Client relationship management: Strengthen partnerships and collaborations through coordinating technical services; oversee the investigation of complaints.
4. Software development: Provide strategic input for the development and implementation of complex software and design procedures to evaluate solutions.
5. Hardware development: Provide strategic input for the development and implementation of complex hardware test tools and design procedures to evaluate solutions.
6. Documentation: hold editor roles for industry groups and/or standards organizations on technical documentation; publish peer reviewed technical publications.
7. Trade show/event technical support: strategically advise technical leaders on new trade show/event opportunities.
8. Confidentiality: maintain confidentiality of proprietary information and project identification.
9. Training: train and mentor the next technical leaders and experts to fulfill the leadership pipeline.
10. Travel: travel to standards group and industry forum meetings as needed to drive research and funding opportunities.
11. Internal operations: provide technical expertise to improve internal operational roles and functions.
12. Expertise: maintain doctorate level knowledge in a specialized technology in the data communication industry.
13. Supervision: supervise staff and students as assigned.
14. Participate in institutional professional development and training.
15. Perform related duties as assigned.

Minimum Acceptable Qualifications:

1. PhD in Electrical Engineering or Computer Science and ten years of experience in technology appropriate to project such as IPV6, high-speed ethernet and mobile, and/or other technology as defined by the IOL; Masters degree and twelve years of related experience (technical business development, networking industry, testing, quality assurance) or Bachelor's degree and fourteen years of related experience (technical business development, networking industry, testing, quality assurance).
2. Expert technical knowledge in several of industries served by organization.
3. Expert overview of testing practices and methodologies.
4. Expert overview of project life cycles.
5. Expert knowledge of TCP/IP networking.
6. Expert overview of Customer service – client relationship management experience.
7. Expert strategic management experience.
8. Expert leadership in standards group or industry forum.
9. Ability to work independently.
10. Ability to travel.

Additional Desirable Qualifications:

1. Work experience in higher education.
2. Business Development and Marketing experience

7-17-09
System Approval

7-17-09
Effective Date

*The IOL is a laboratory that fosters interoperability by providing neutral, third party testing services to the data communications industry.

This document is a generic classification specification of the University System of New Hampshire. Its purpose is to describe the representative responsibilities and general level of complexity, and it is not a substitute for the specific job description of the individual position.